

Program EVALPLOT
(Version 2018-1)

by

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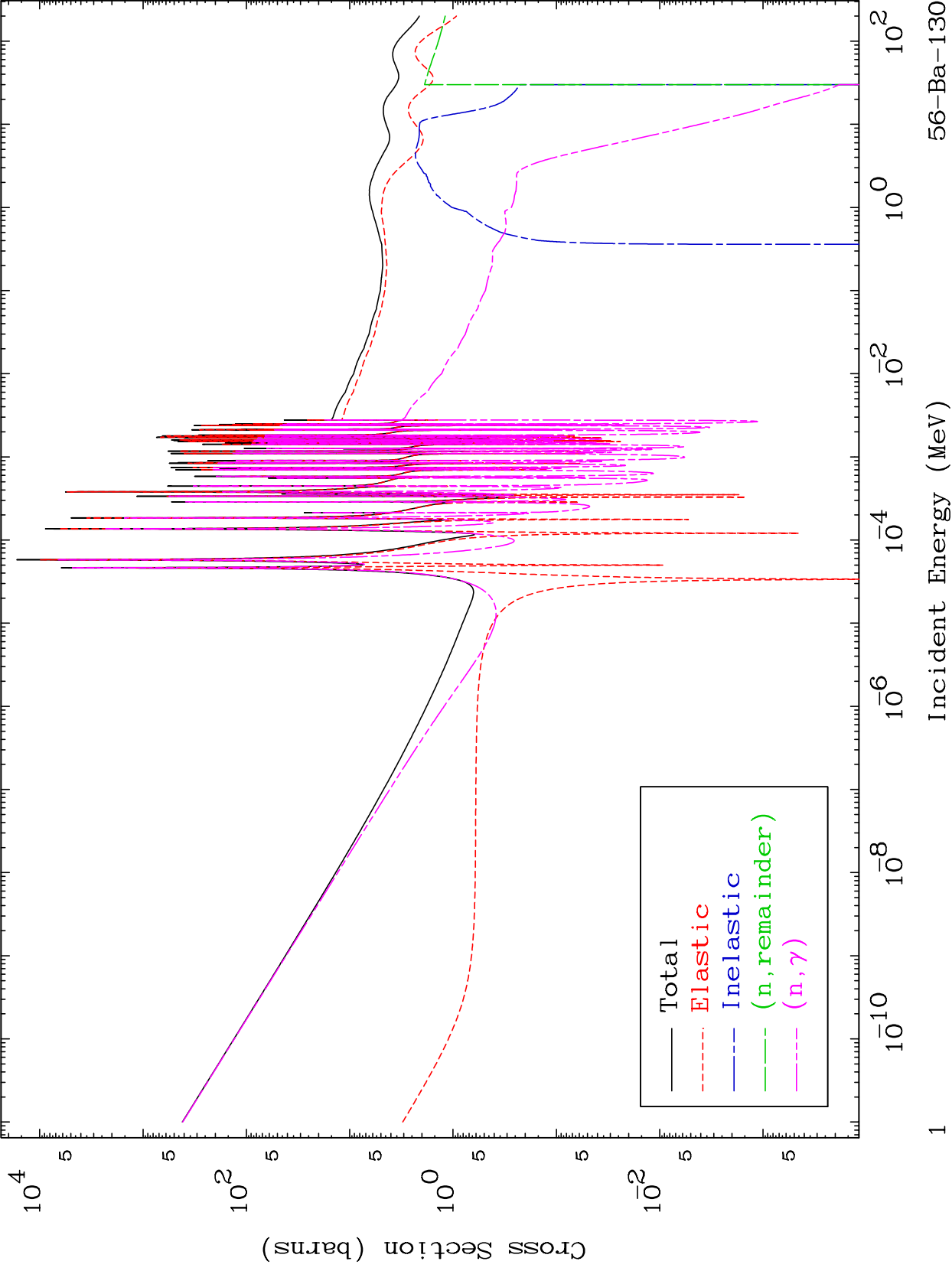
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5625

Major
293 Kelvin Cross Sections

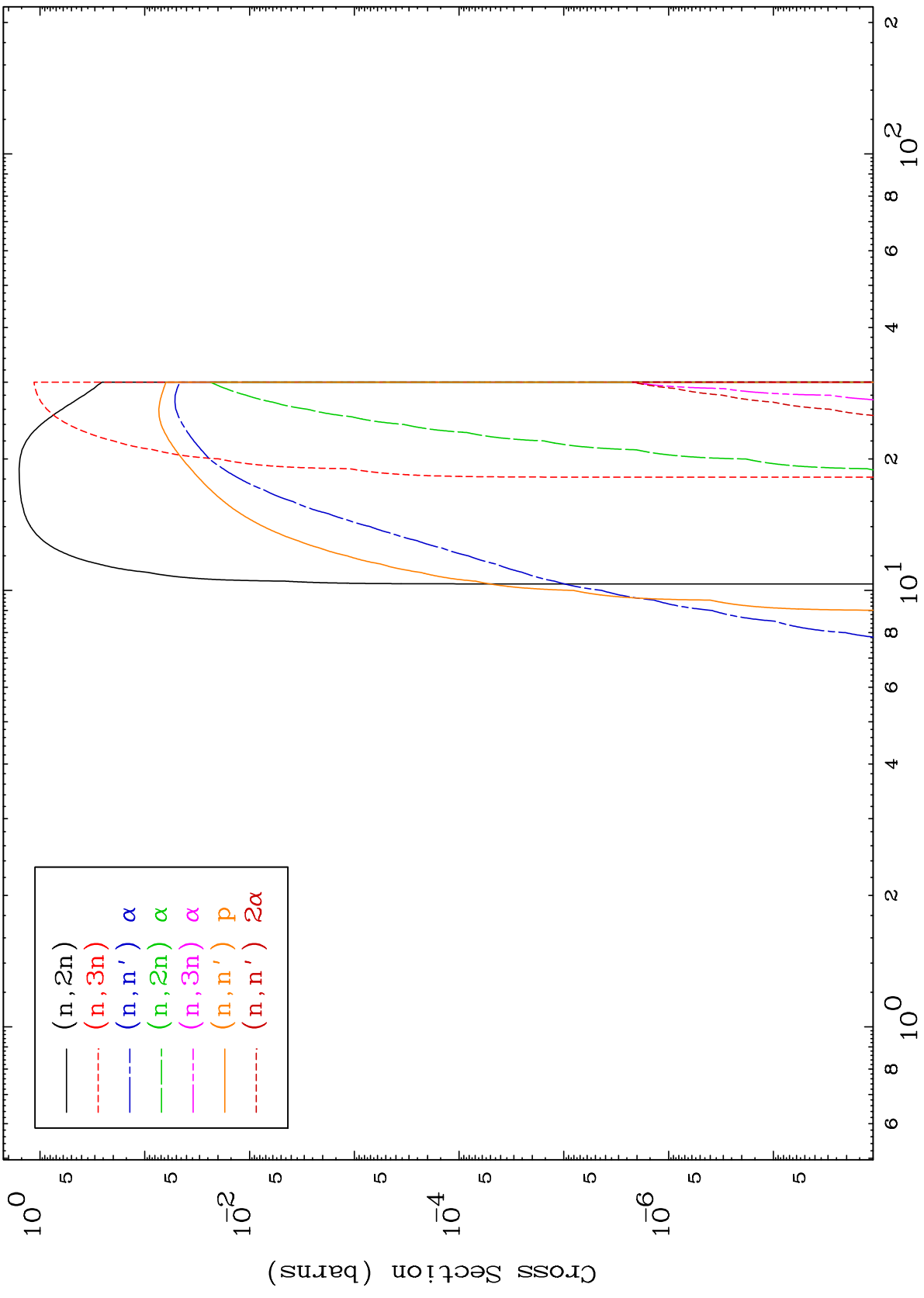
56-Ba-130

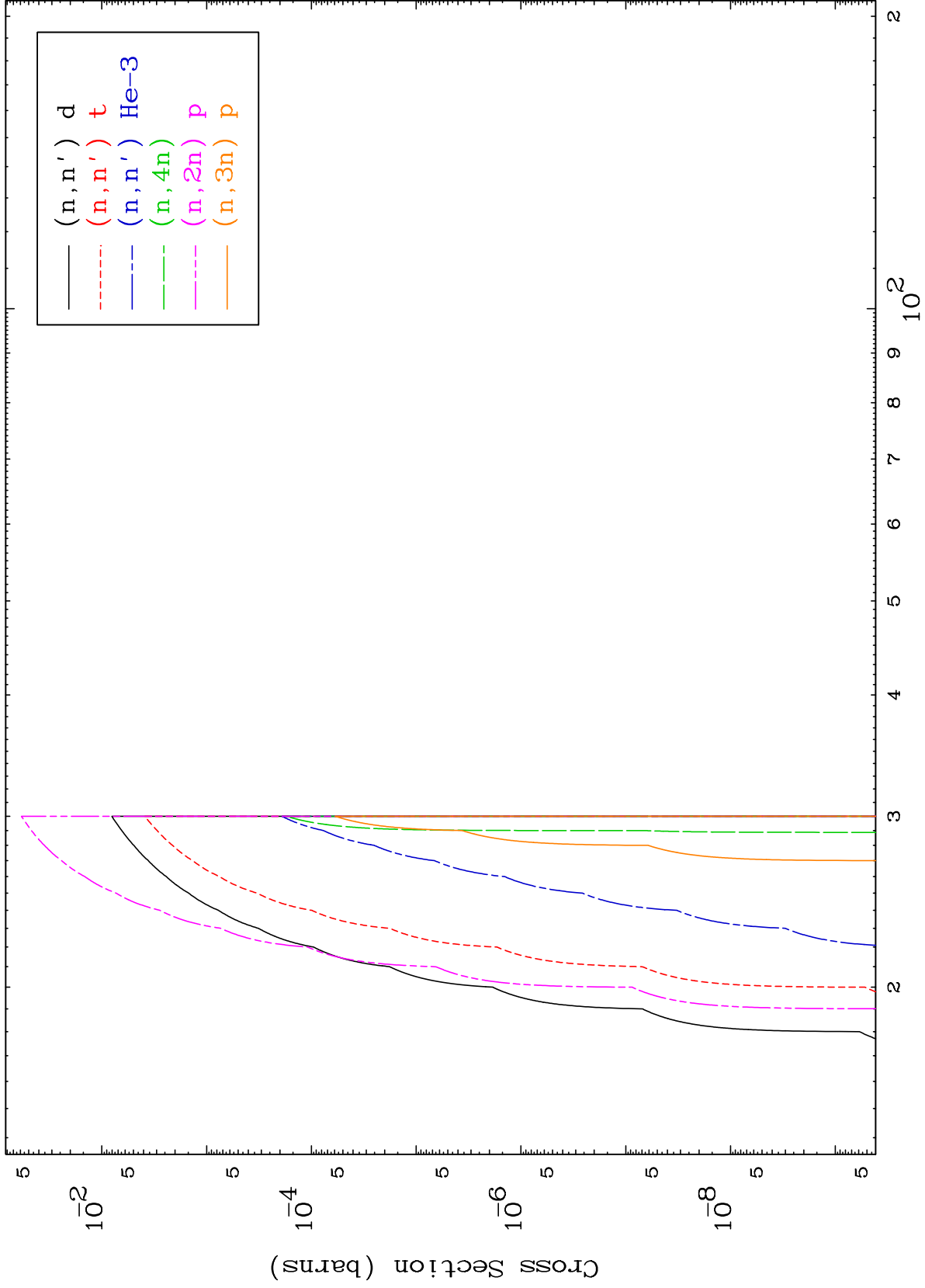


MAT 5625

Neutron Production
293 Kelvin Cross Sections

56-Ba-130

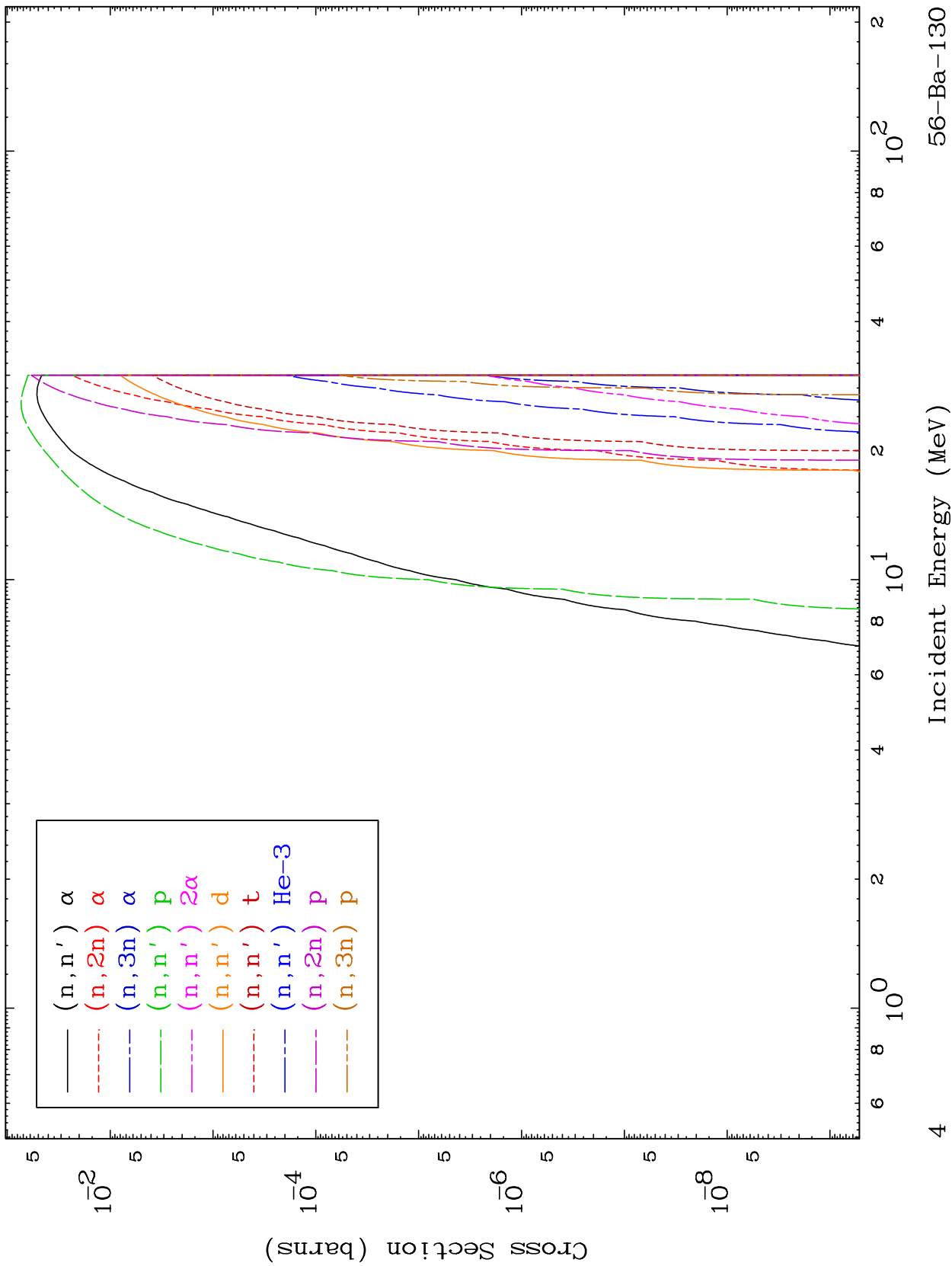




MAT 5625

Charged Particle
293 Kelvin Cross Sections

56-Ba-130



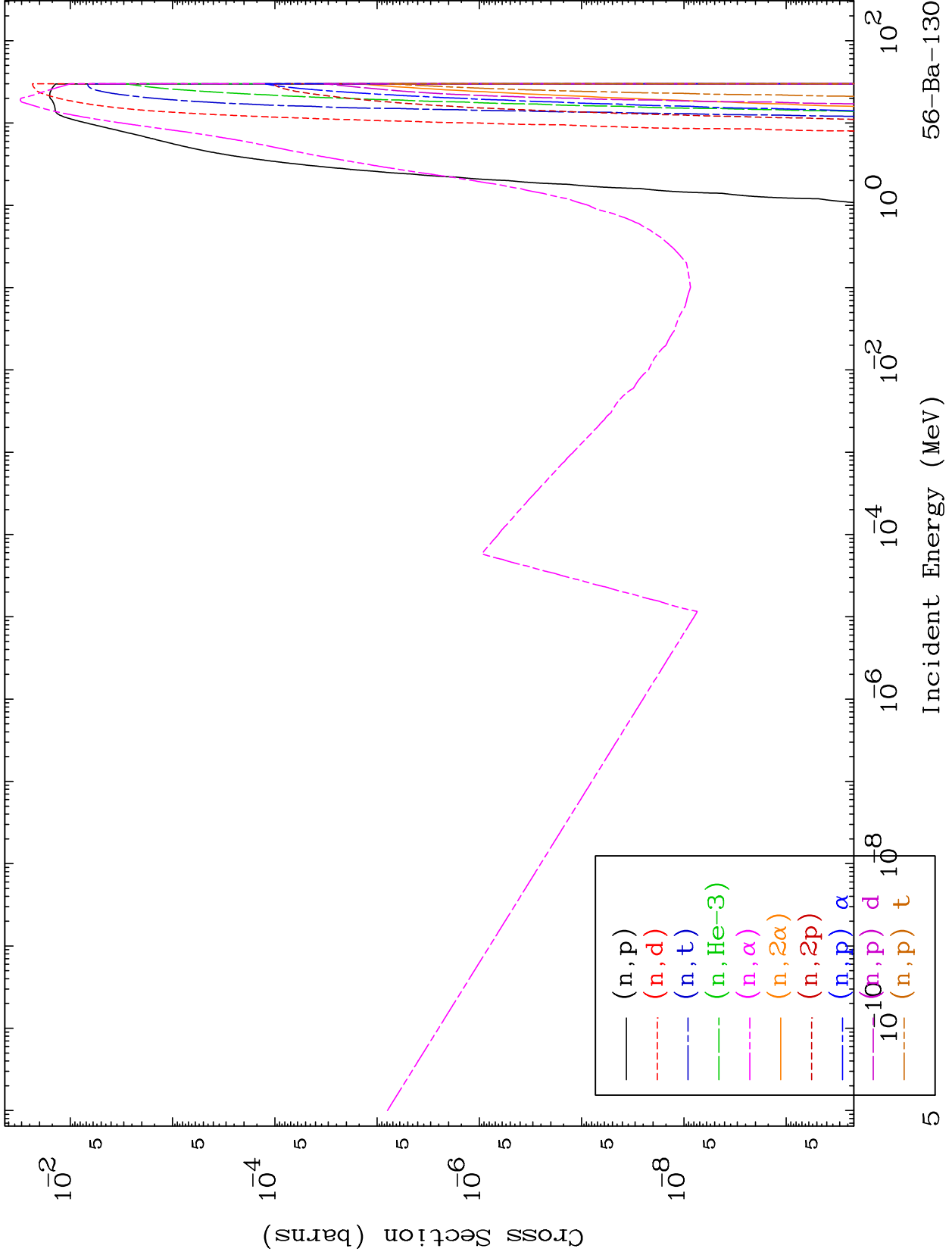
56-Ba-130

Incident Energy (MeV)

MAT 5625

Charged Particle
293 Kelvin Cross Sections

56-Ba-130

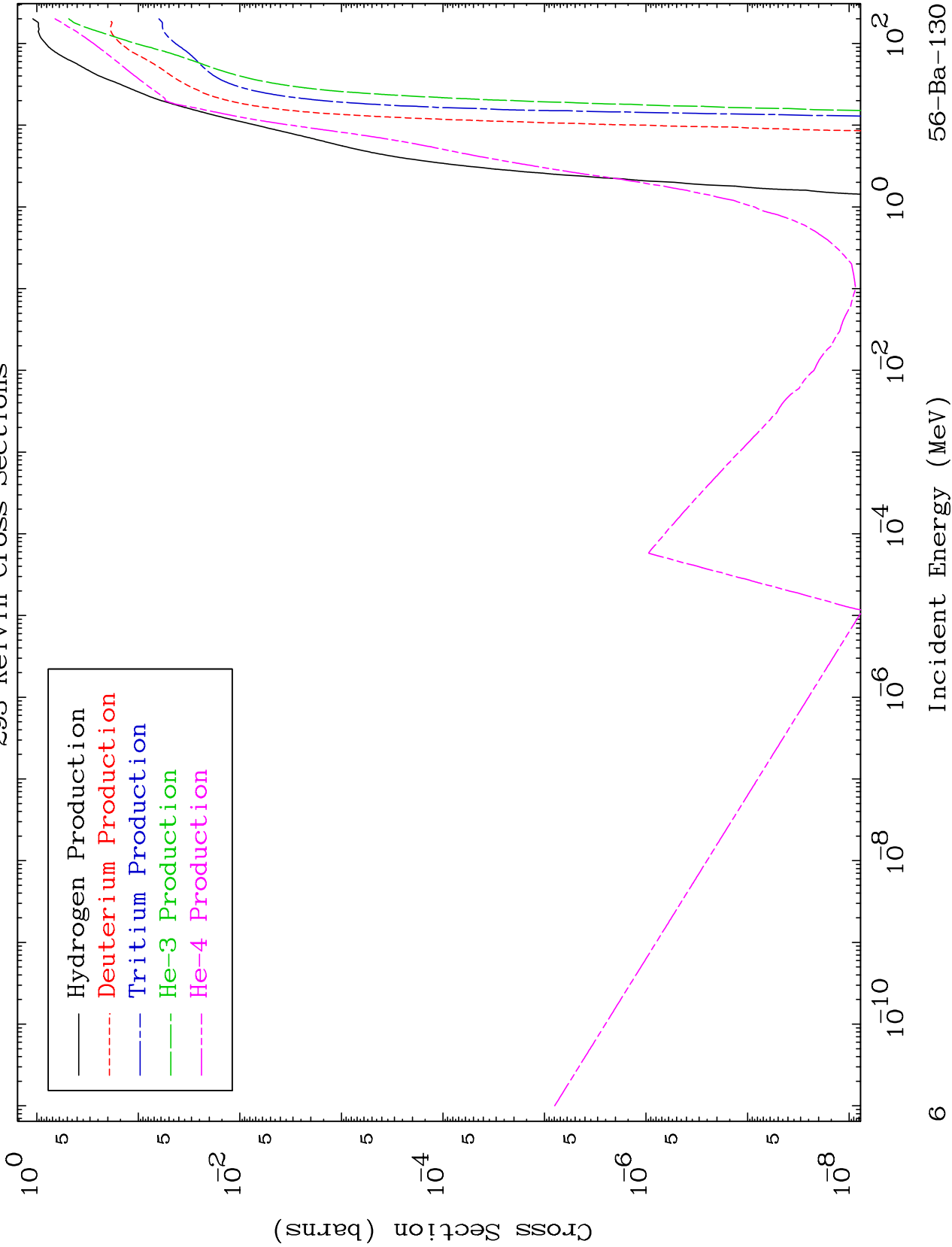


56-Ba-130

MAT 5625

Particle Production
293 Kelvin Cross Sections

56-Ba-130

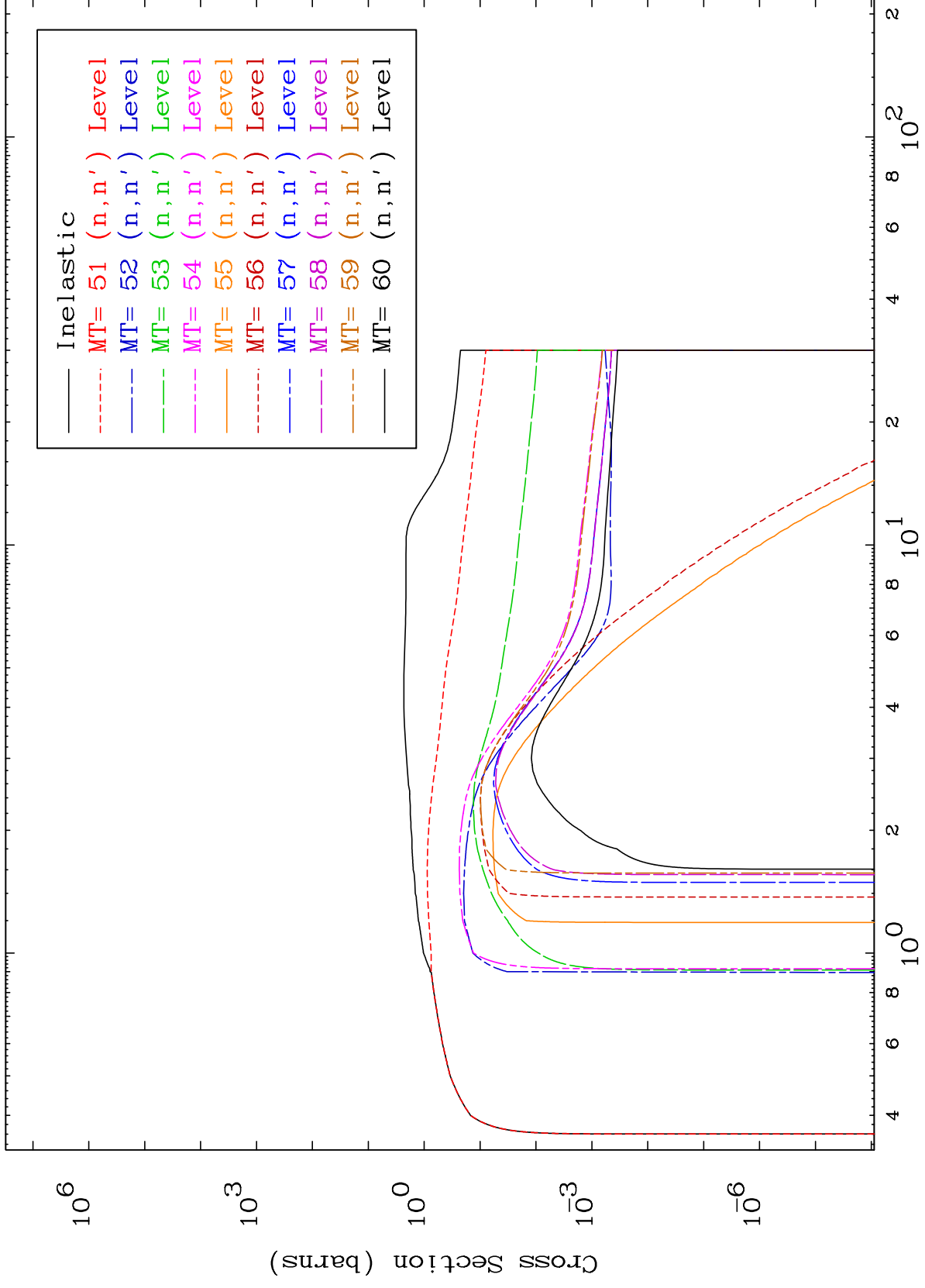


MAT 5625

(n,n') Level

56-Ba-130

293 Kelvin Cross Sections



56-Ba-130

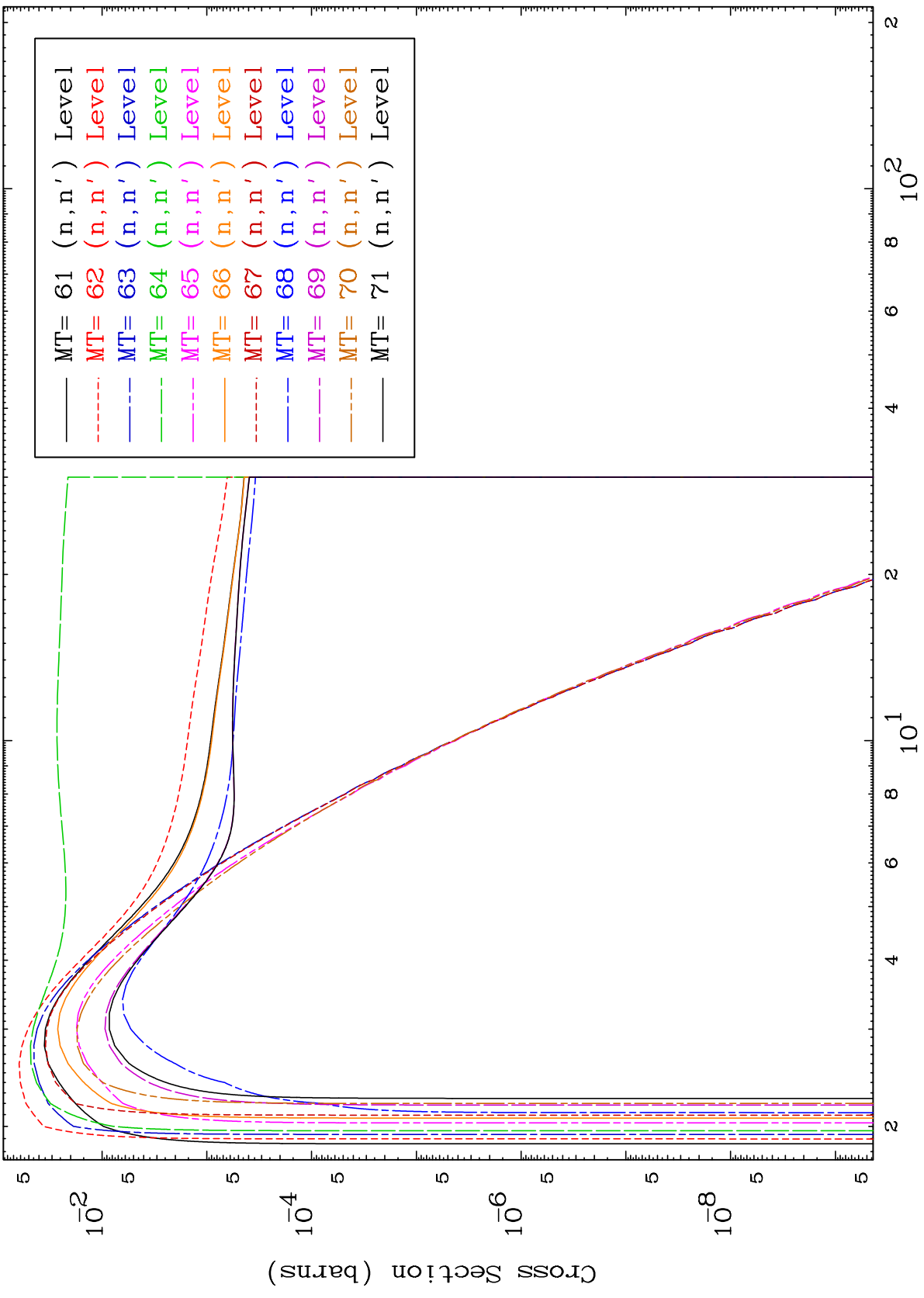
Incident Energy (MeV)

MAT 5625

(n,n') Level

56-Ba-130

293 Kelvin Cross Sections



8

Incident Energy (MeV)

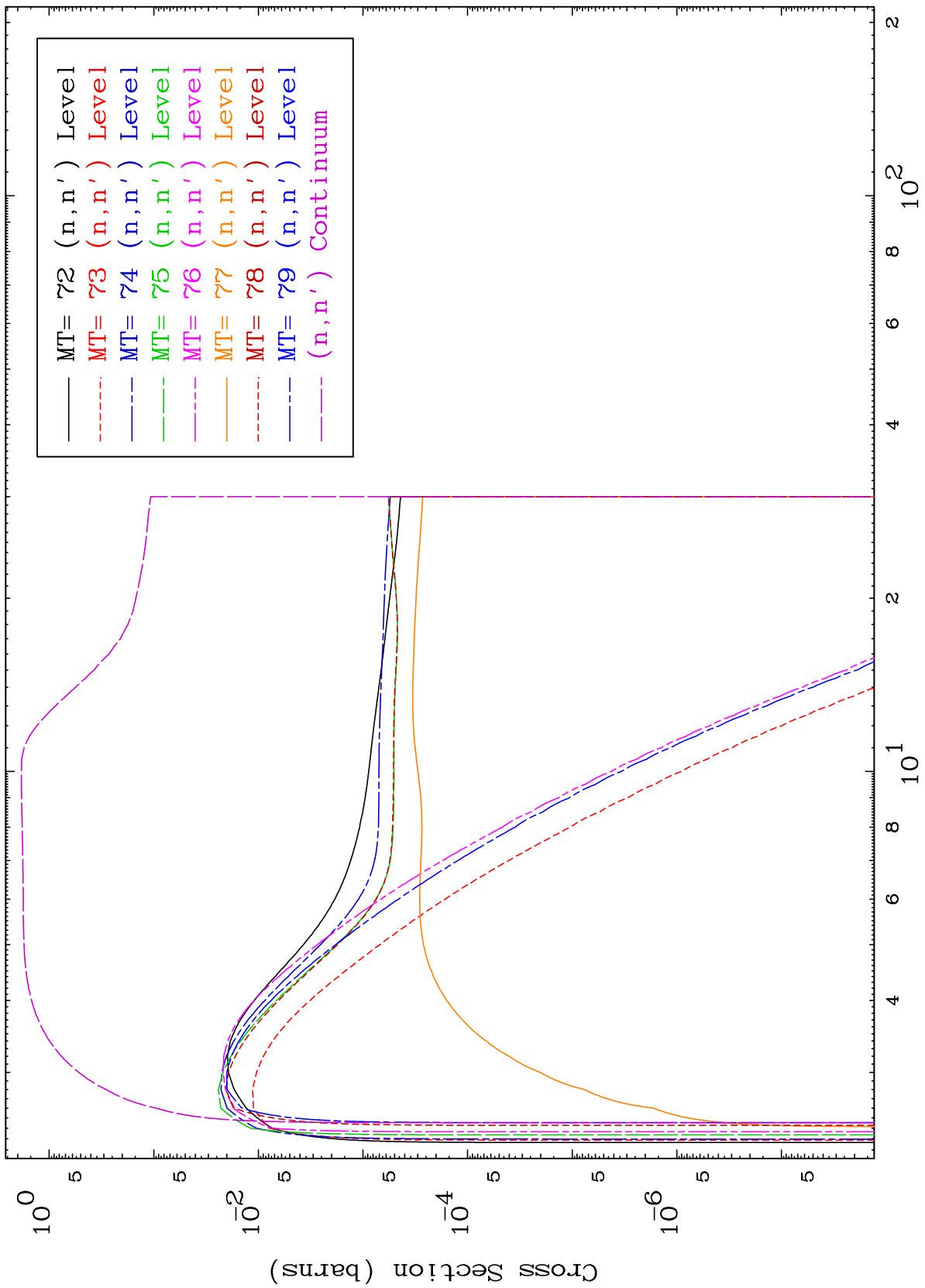
56-Ba-130

MAT 5625

(n,n') Level

56-Ba-130

293 Kelvin Cross Sections



9

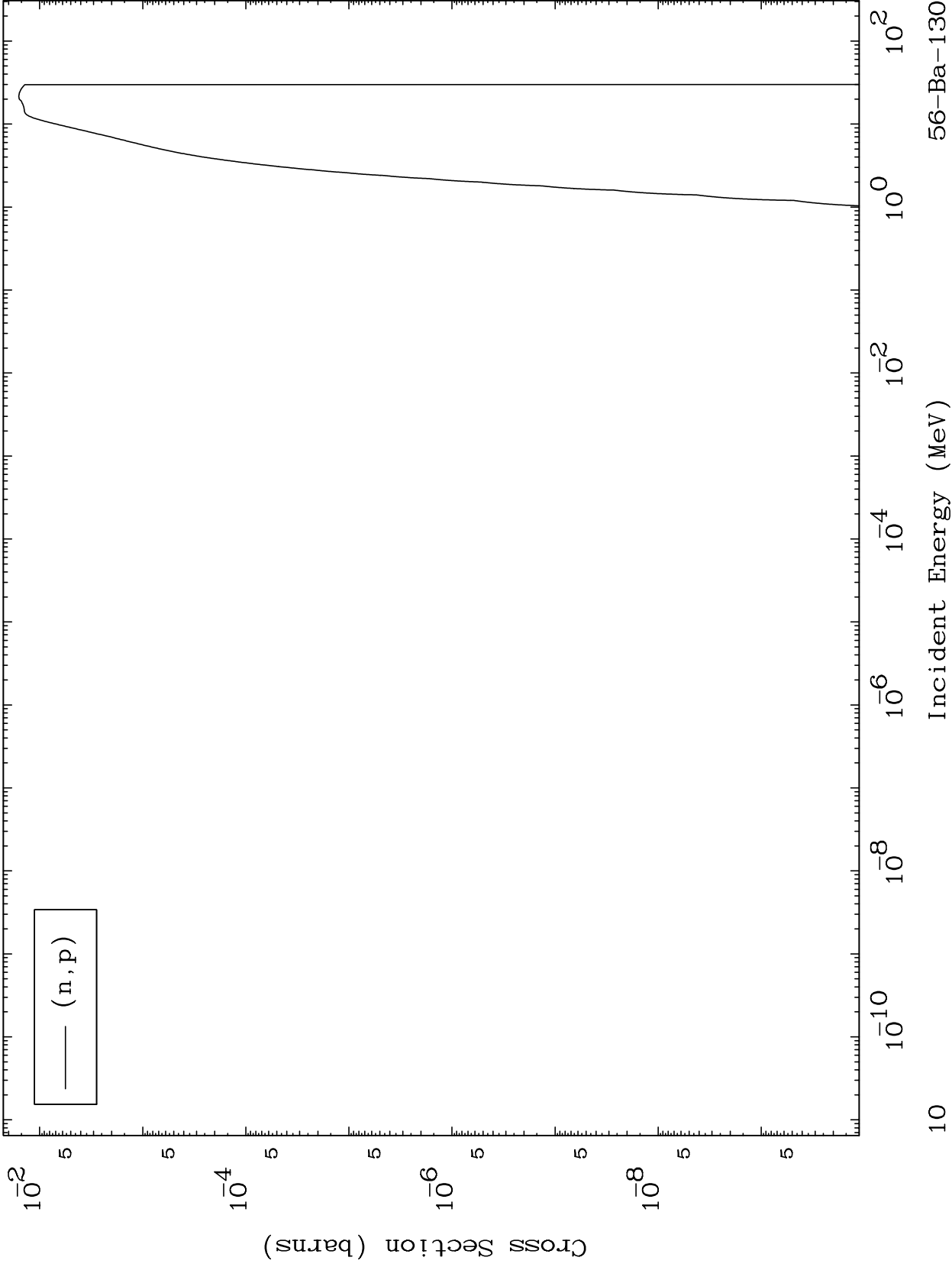
Incident Energy (MeV)

56-Ba-130

MAT 5625

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-130



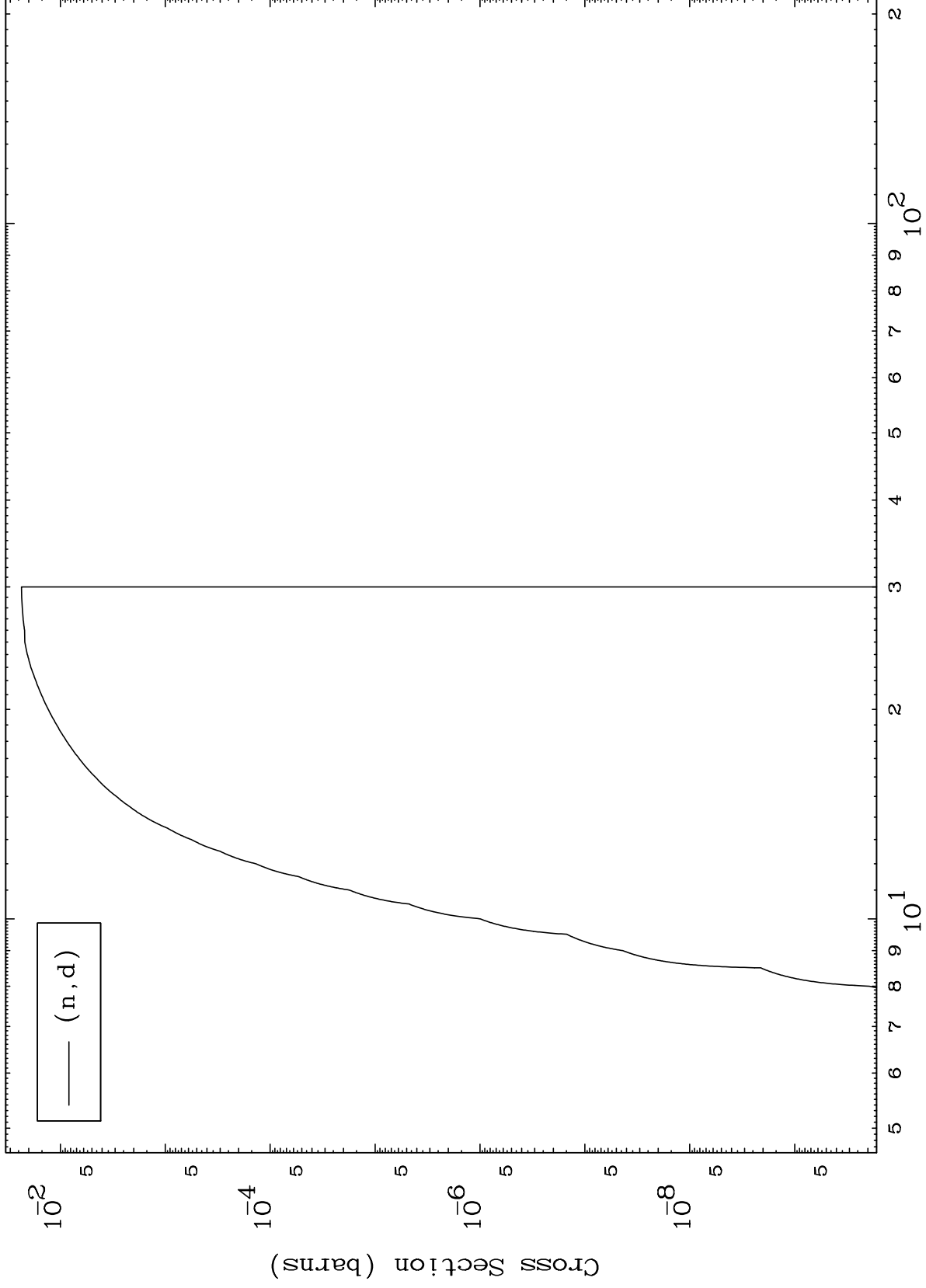
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56-Ba-130

MAT 5625

(n,d) Levels
293 Kelvin Cross Sections

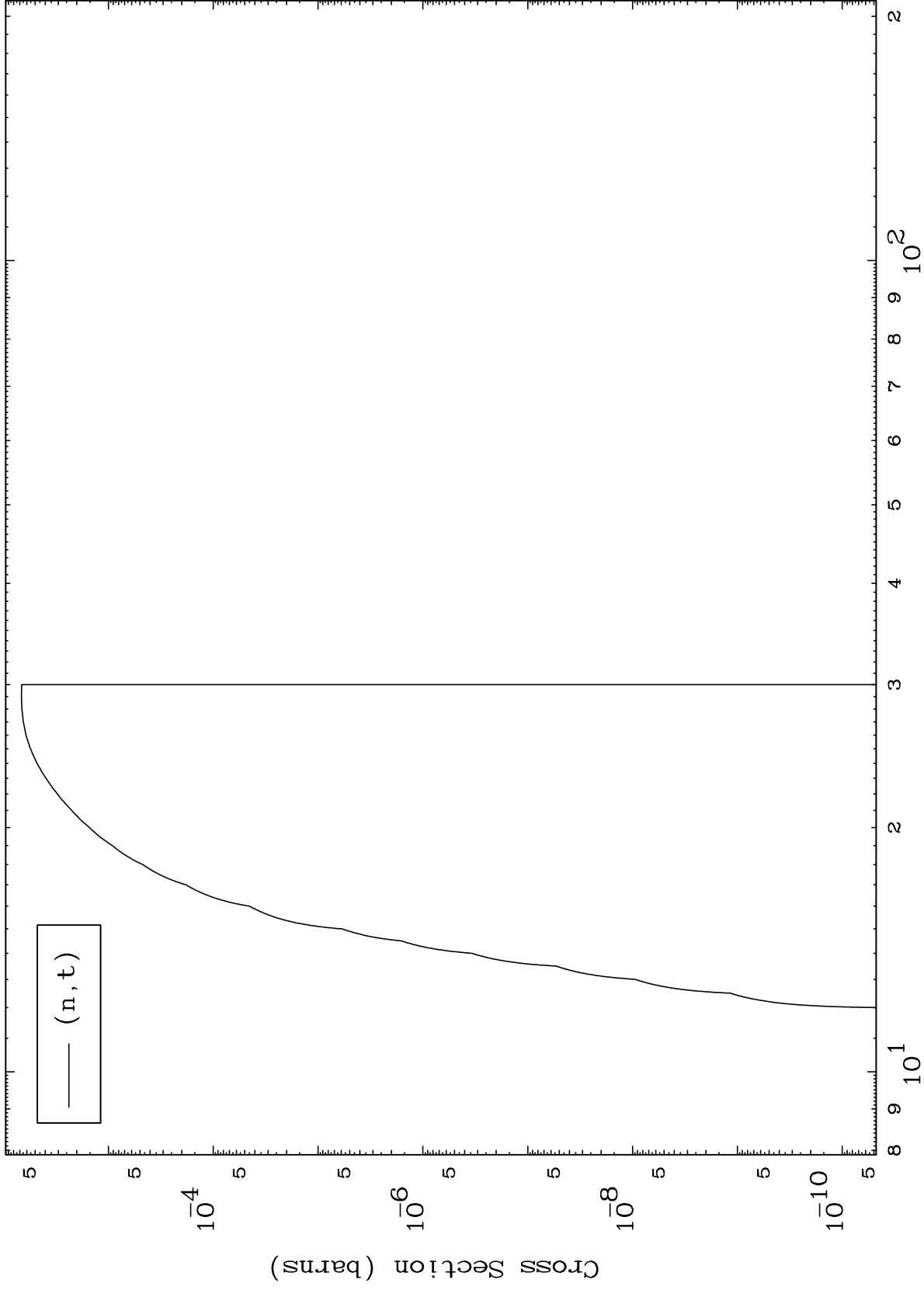
56-Ba-130



MAT 5625

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-130



12

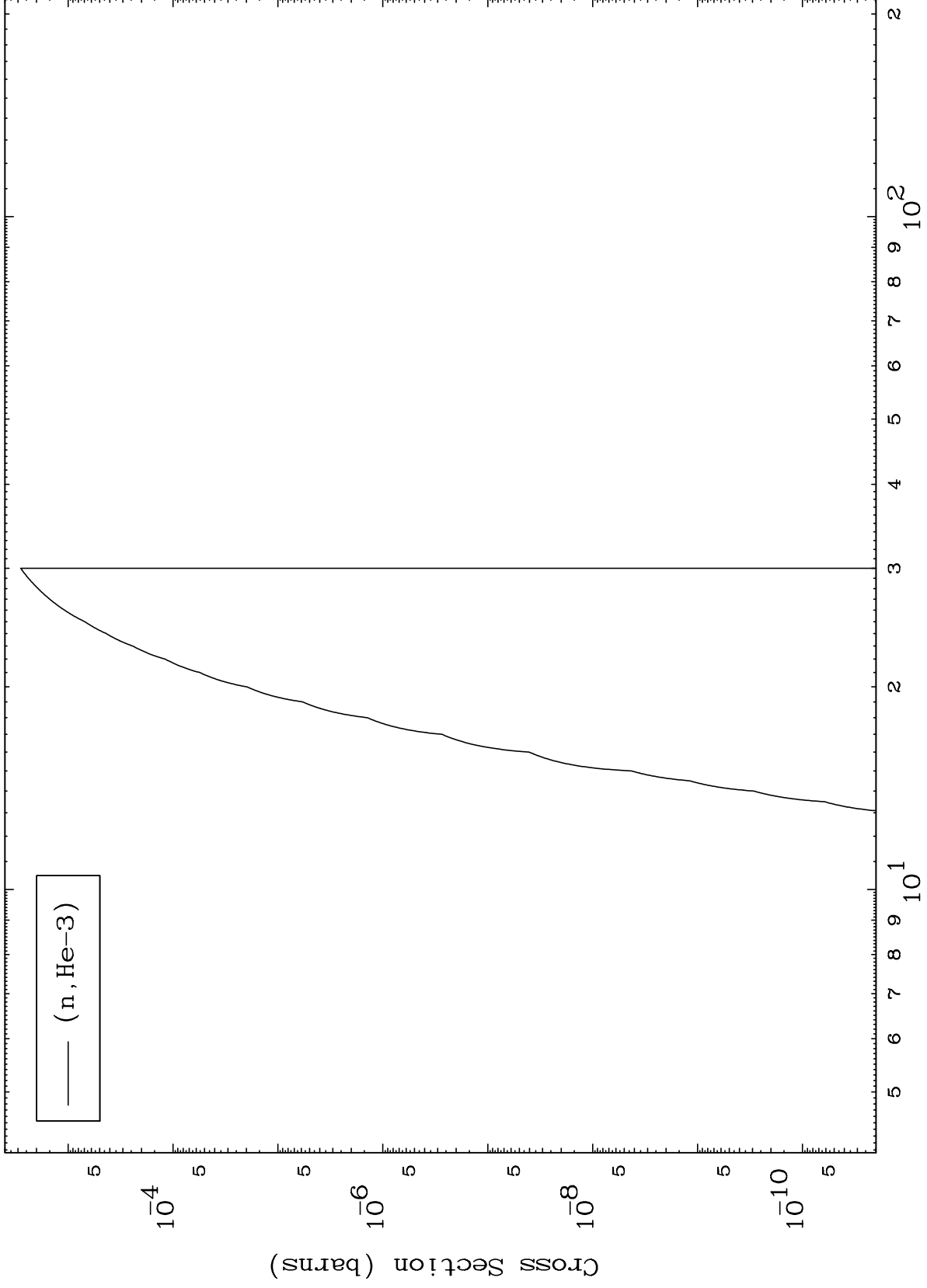
Incident Energy (MeV)

56-Ba-130

MAT 5625

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-130



13

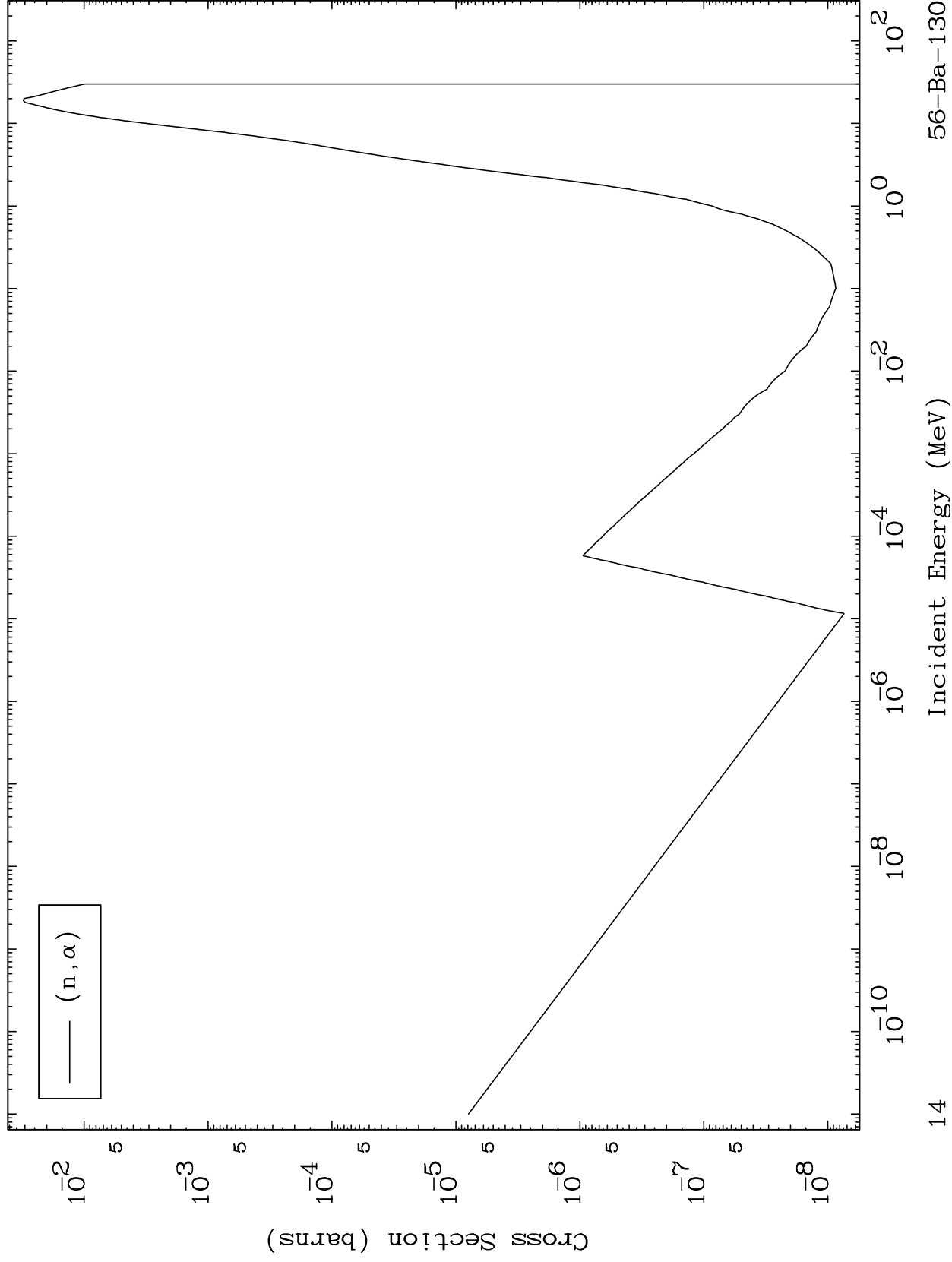
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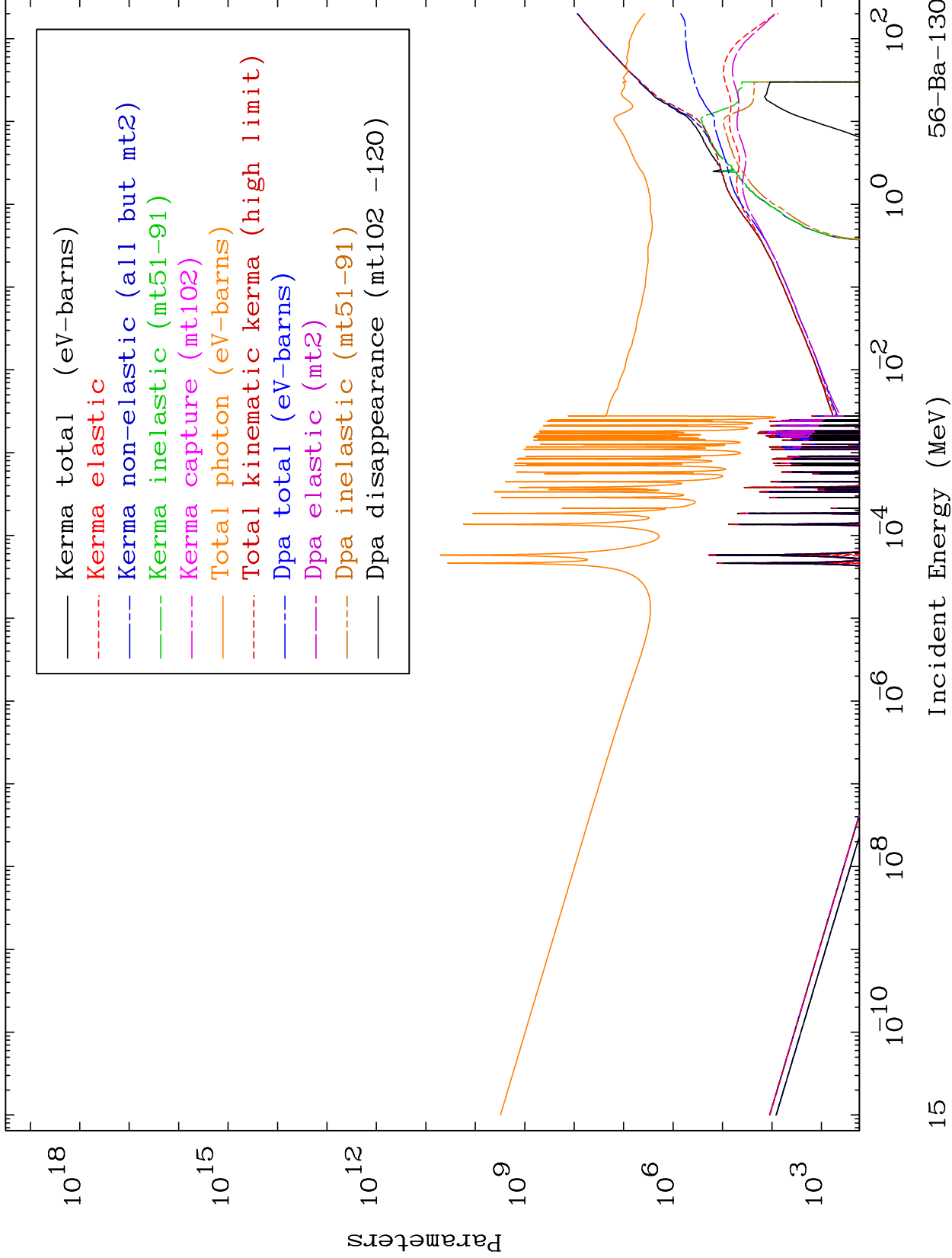
56-Ba-130

MAT 5625

(n, α) Levels
293 Kelvin Cross Sections

56-Ba-130

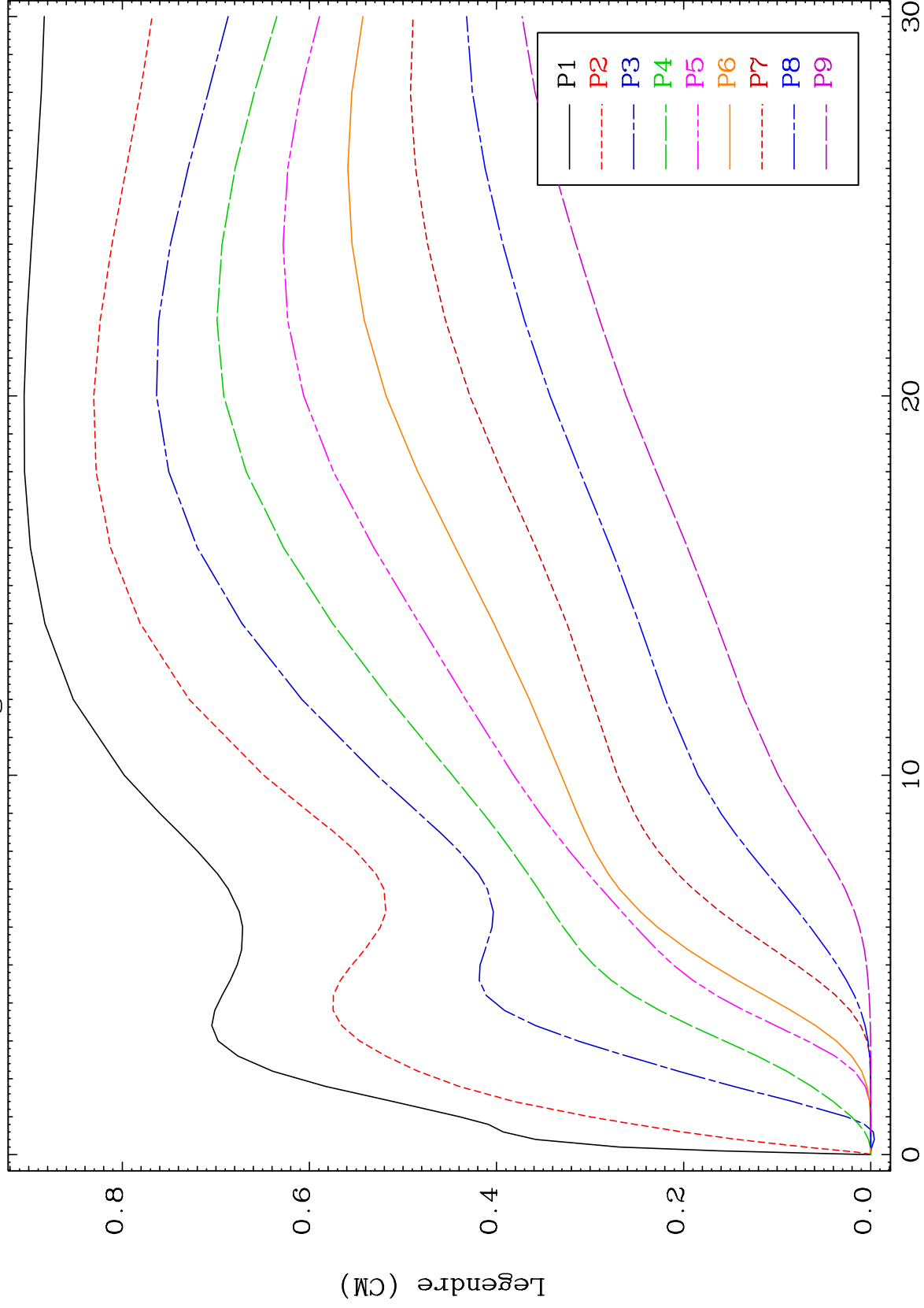




MAT 5625

Elastic Legendre Coefficients

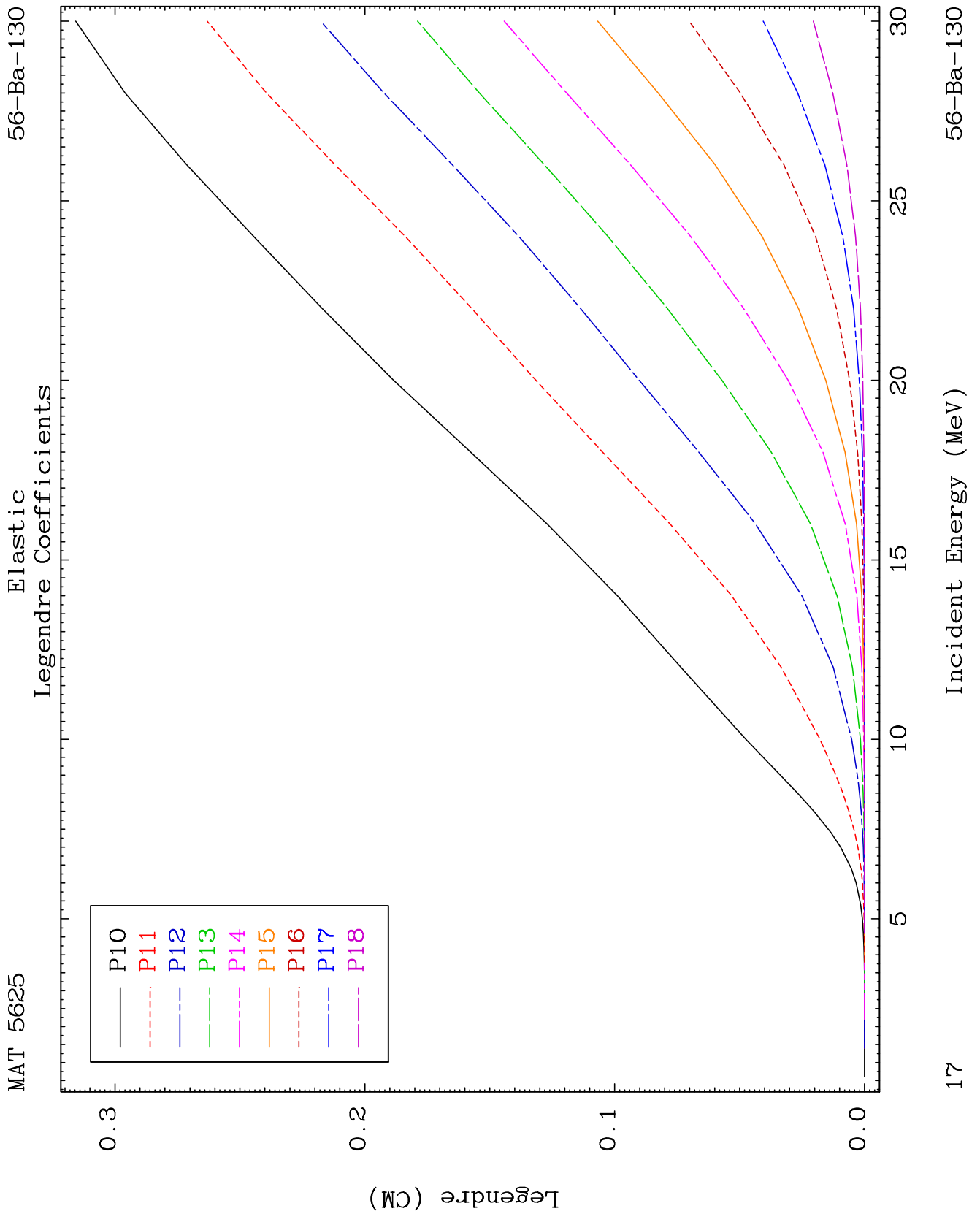
56-Ba-130



16

Incident Energy (MeV)

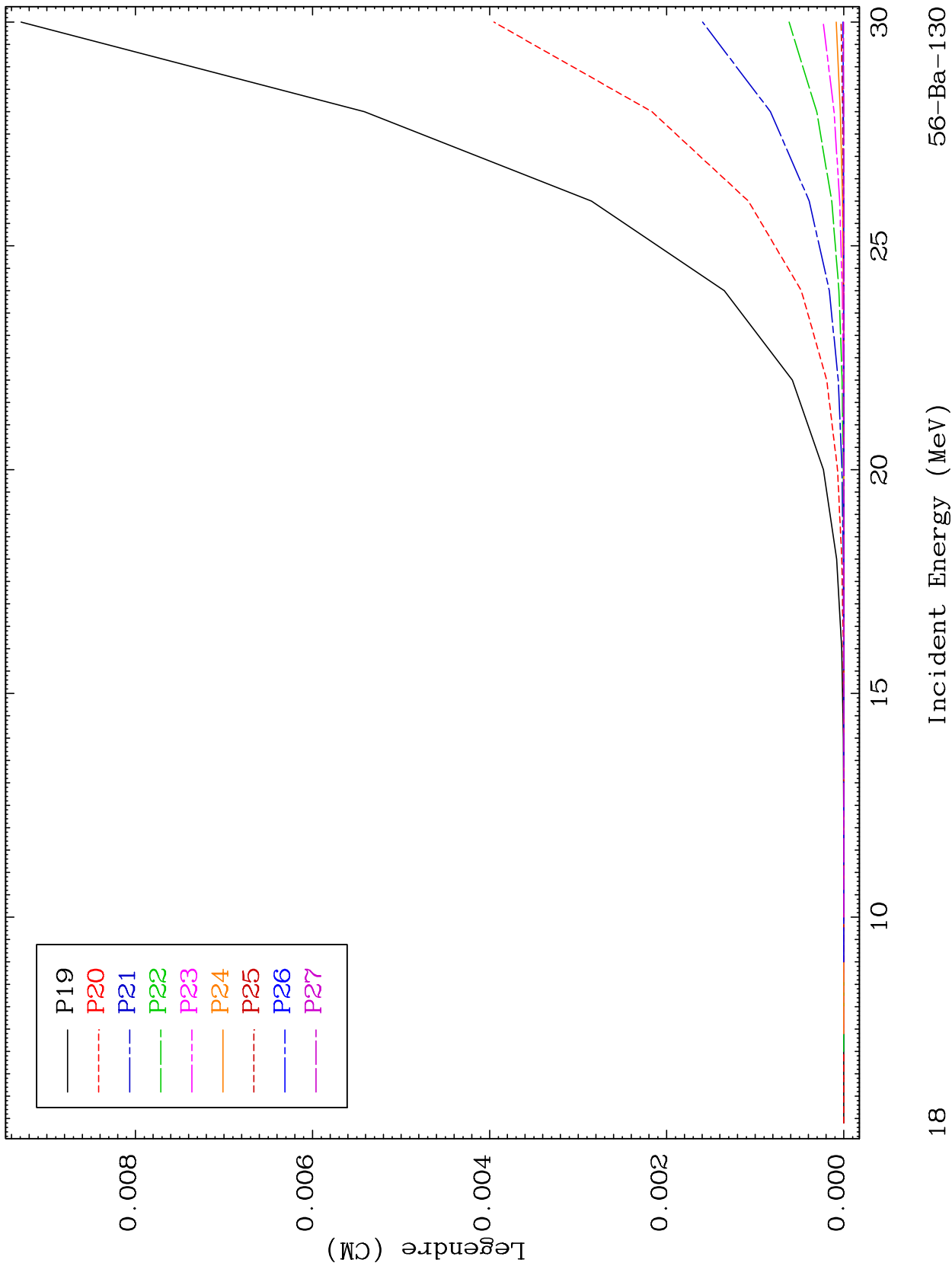
56-Ba-130



MAT 5625

Elastic Legendre Coefficients

56-Ba-130



18

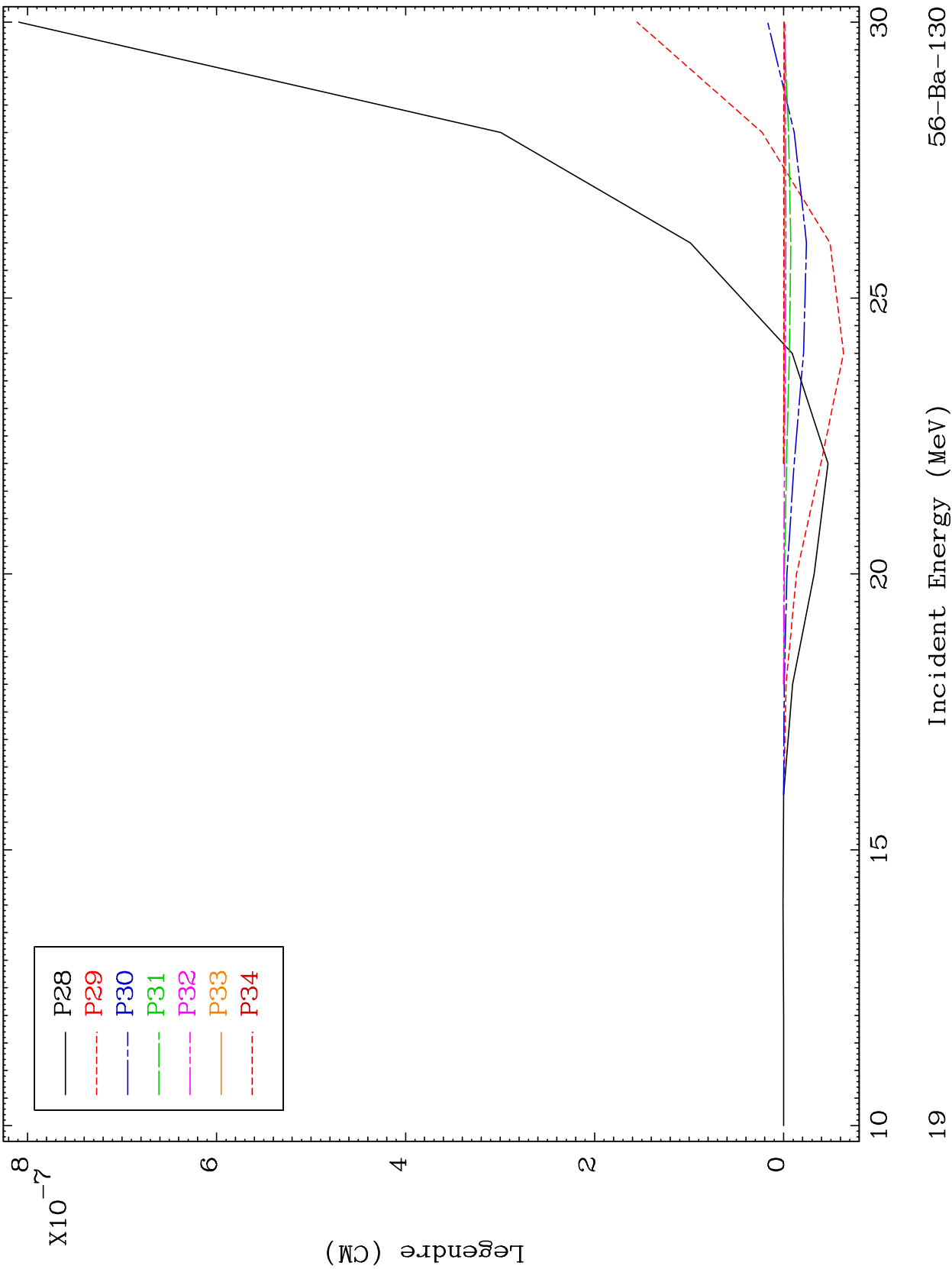
Incident Energy (MeV)

56-Ba-130

MAT 5625

Elastic Legendre Coefficients

56-Ba-130



56-Ba-130

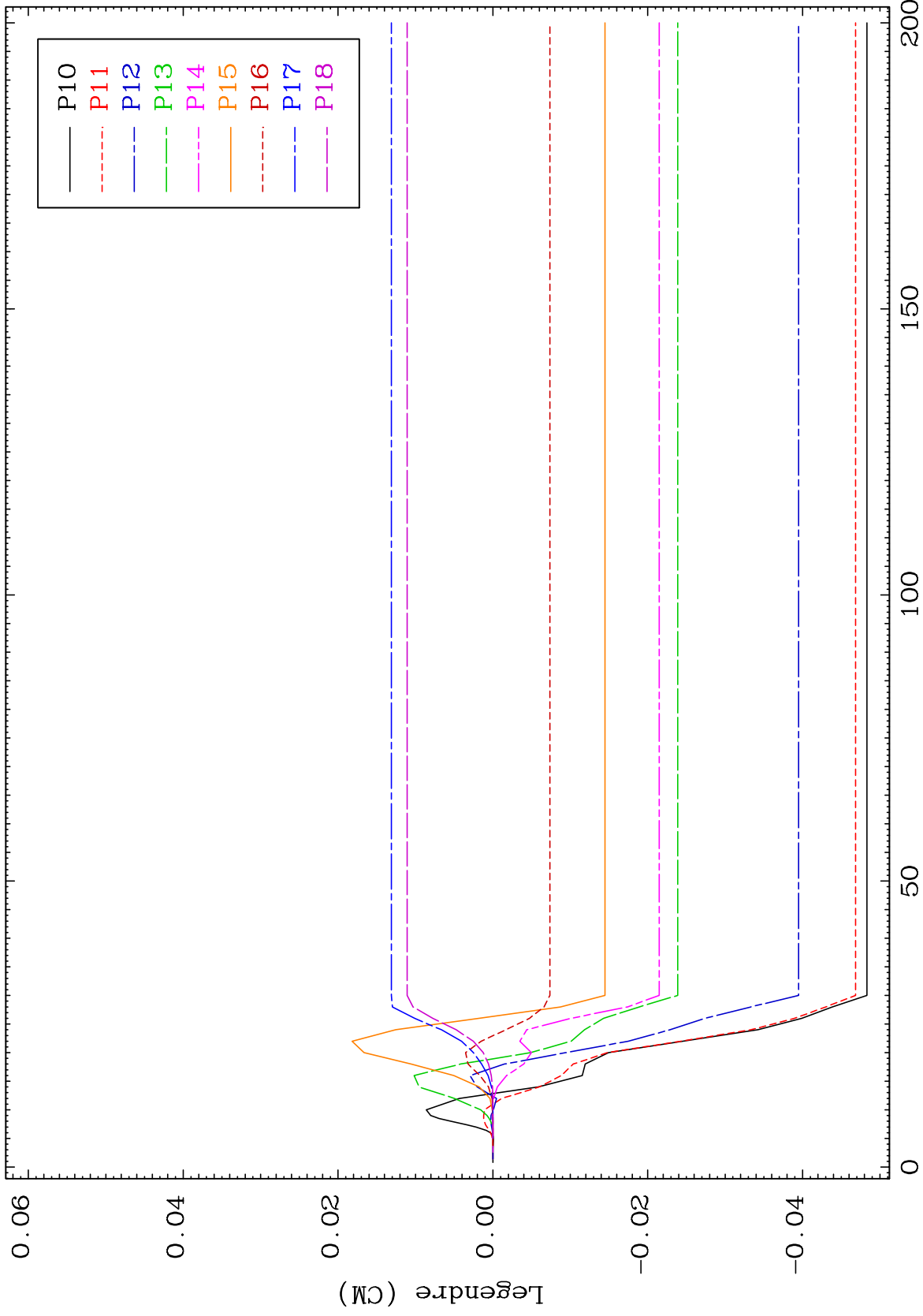
Incident Energy (MeV)

19

MAT 5625

MT= 51 (n,n') Level
Legendre Coefficients

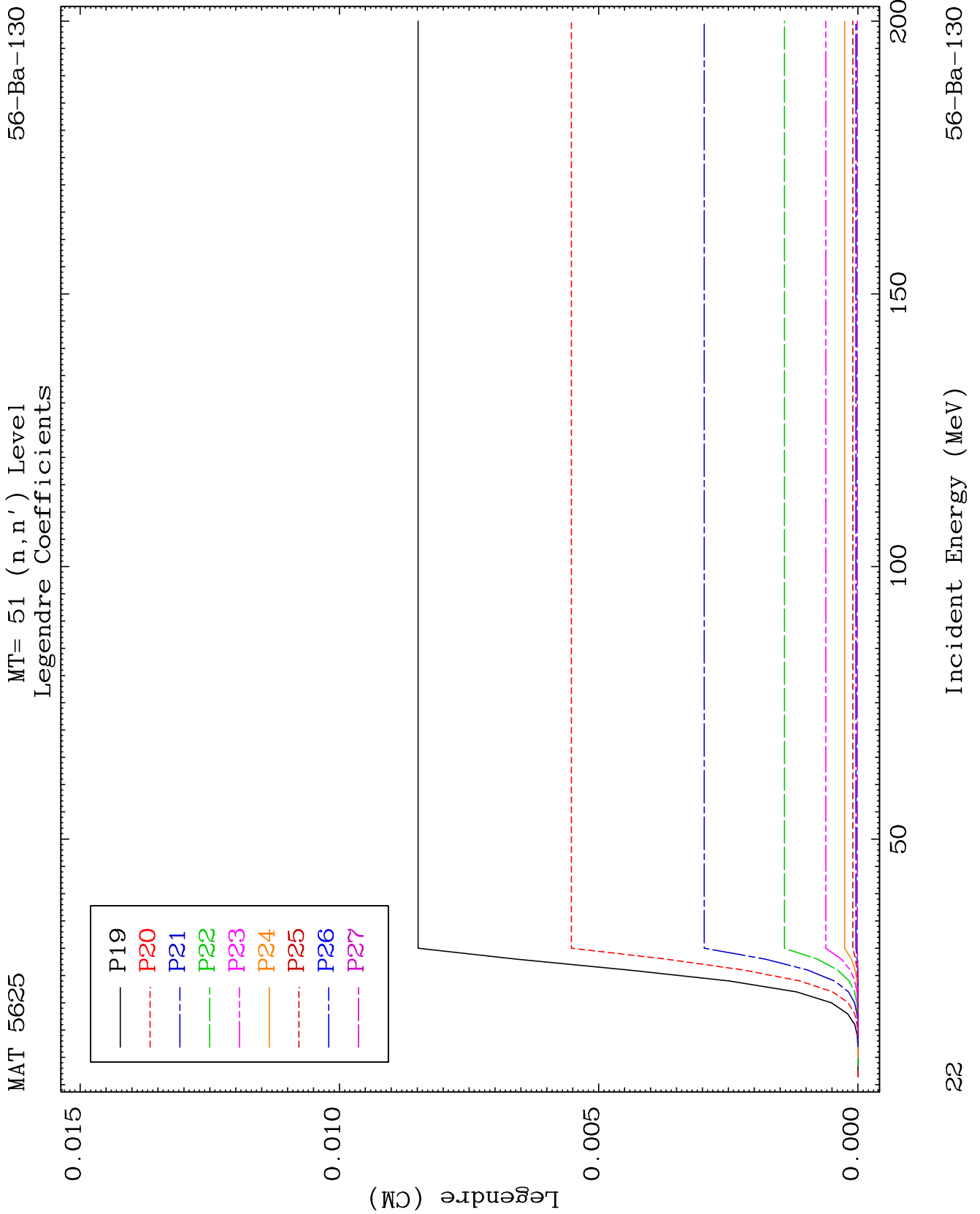
56-Ba-130



21

Incident Energy (MeV)

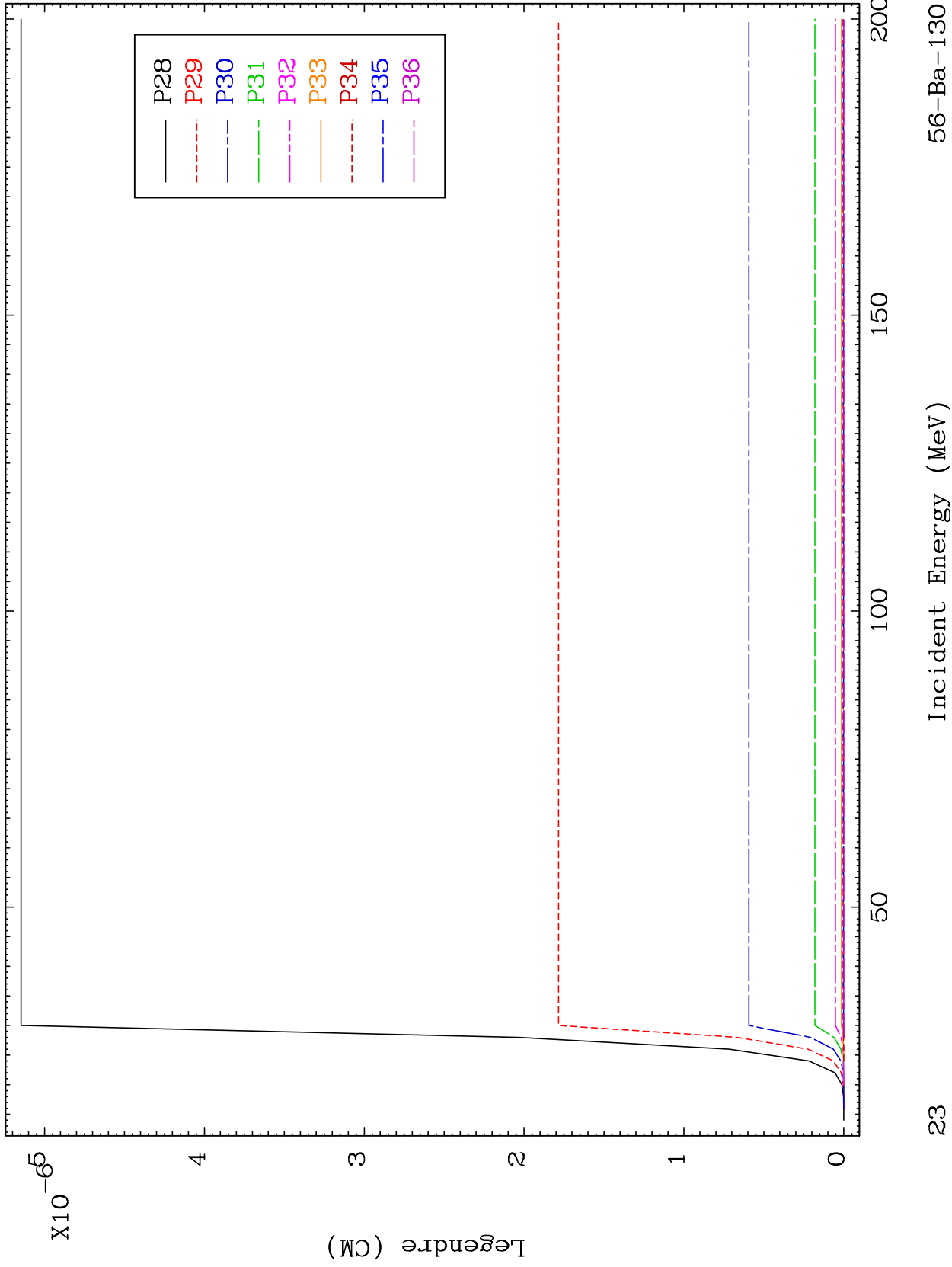
56-Ba-130



MAT 5625

MT= 51 (n,n') Level
Legendre Coefficients

56-Ba-130



23

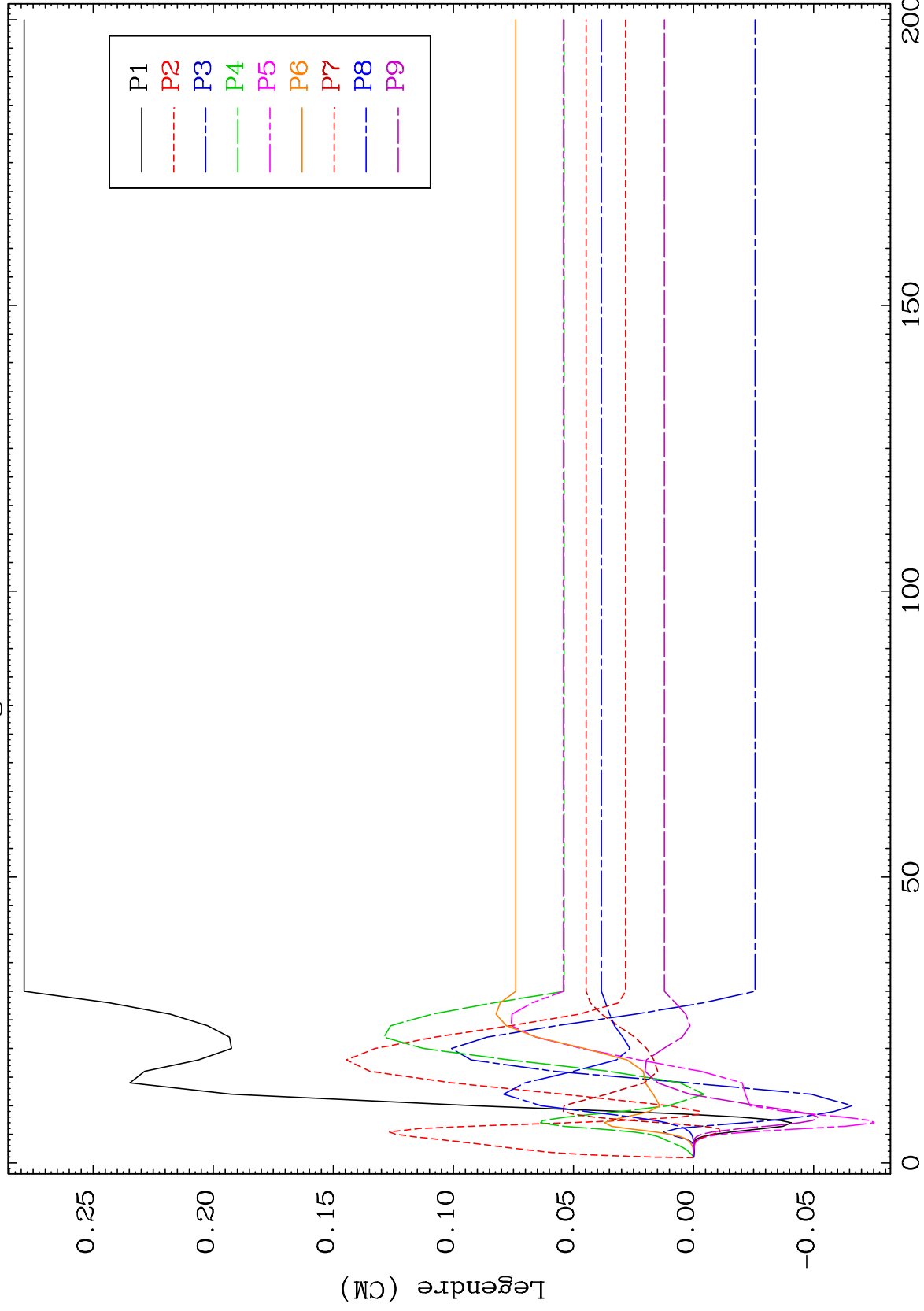
Incident Energy (MeV)

56-Ba-130

MAT 5625

MT= 52 (n,n') Level
Legendre Coefficients

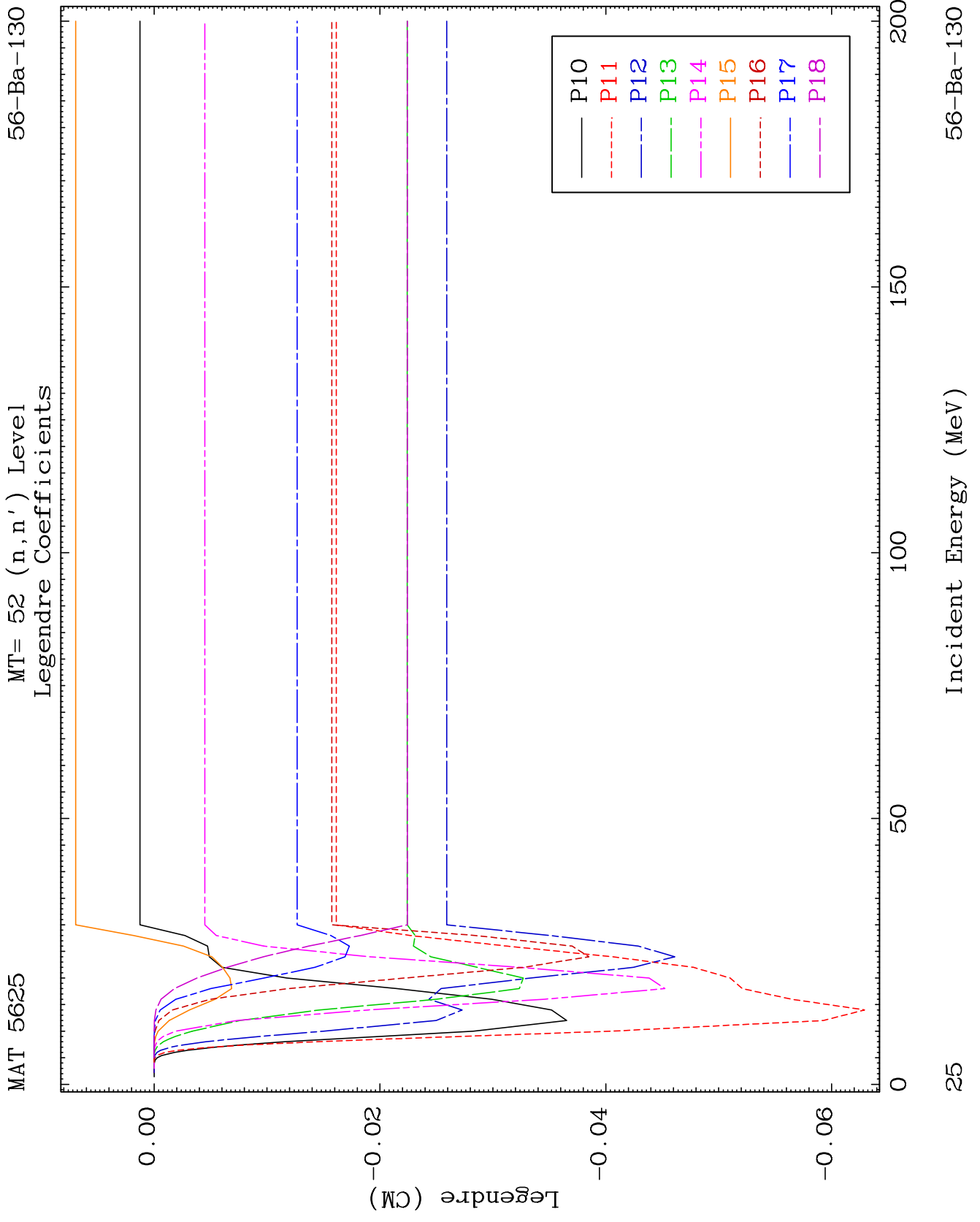
56-Ba-130

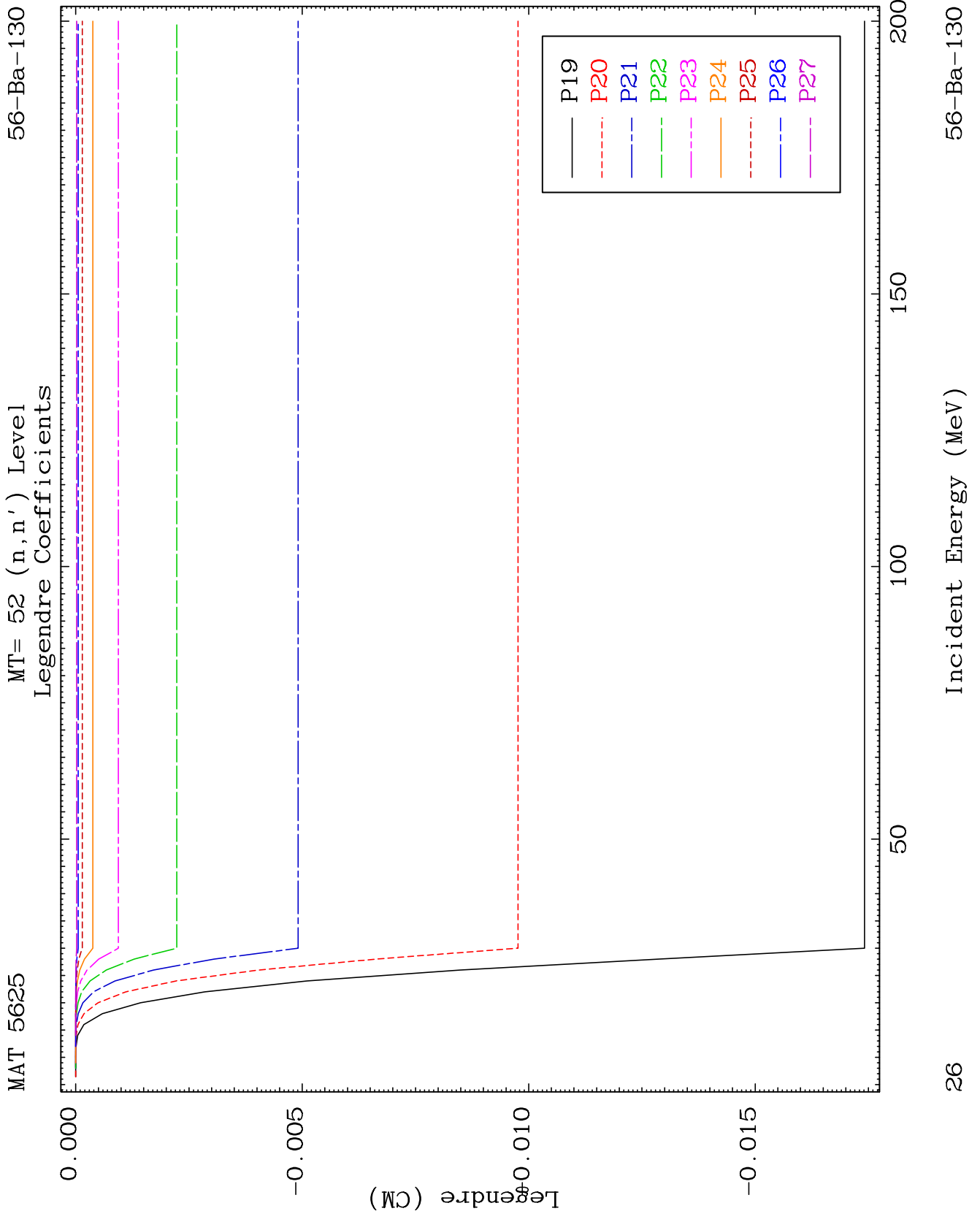


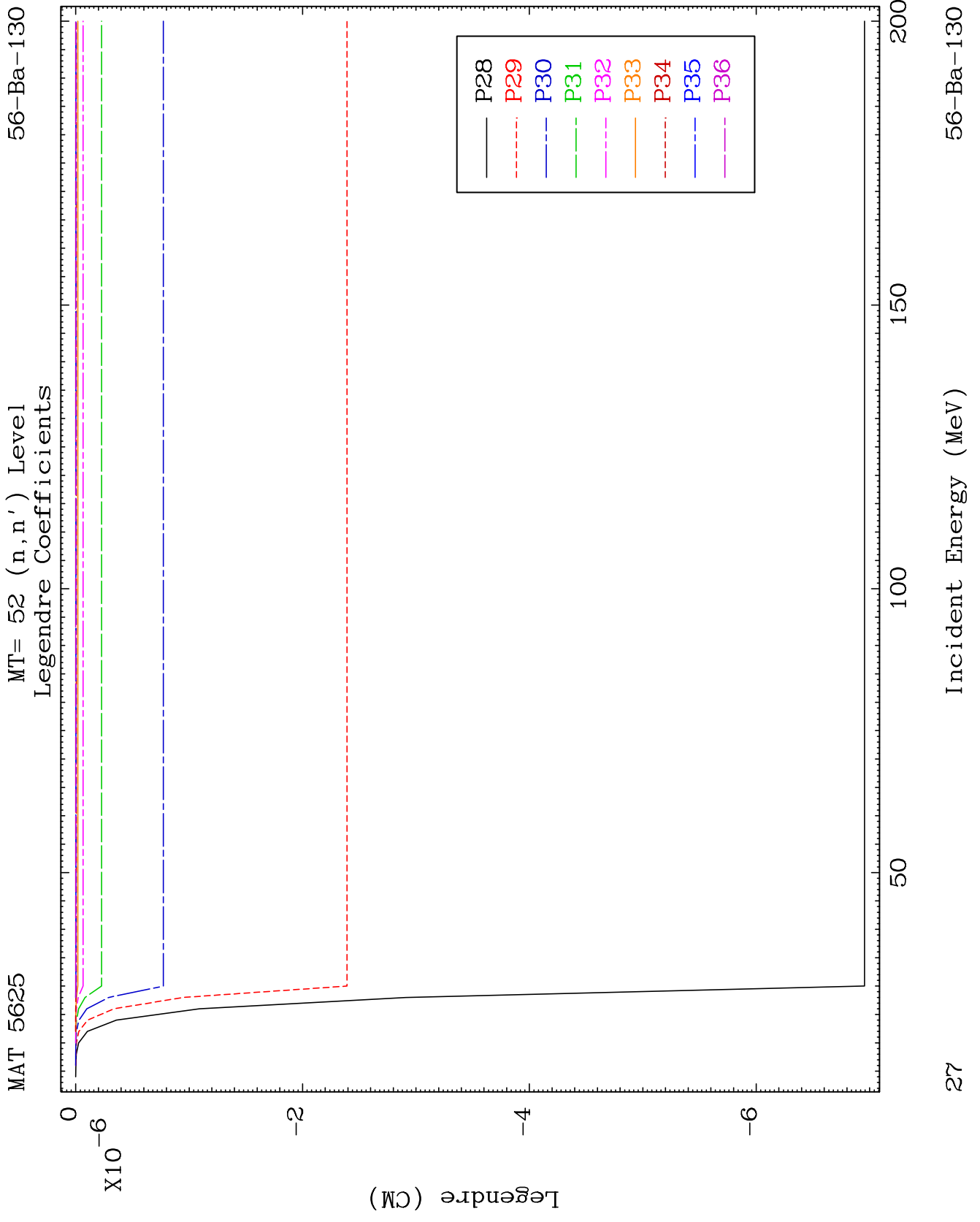
24

Incident Energy (MeV)

56-Ba-130



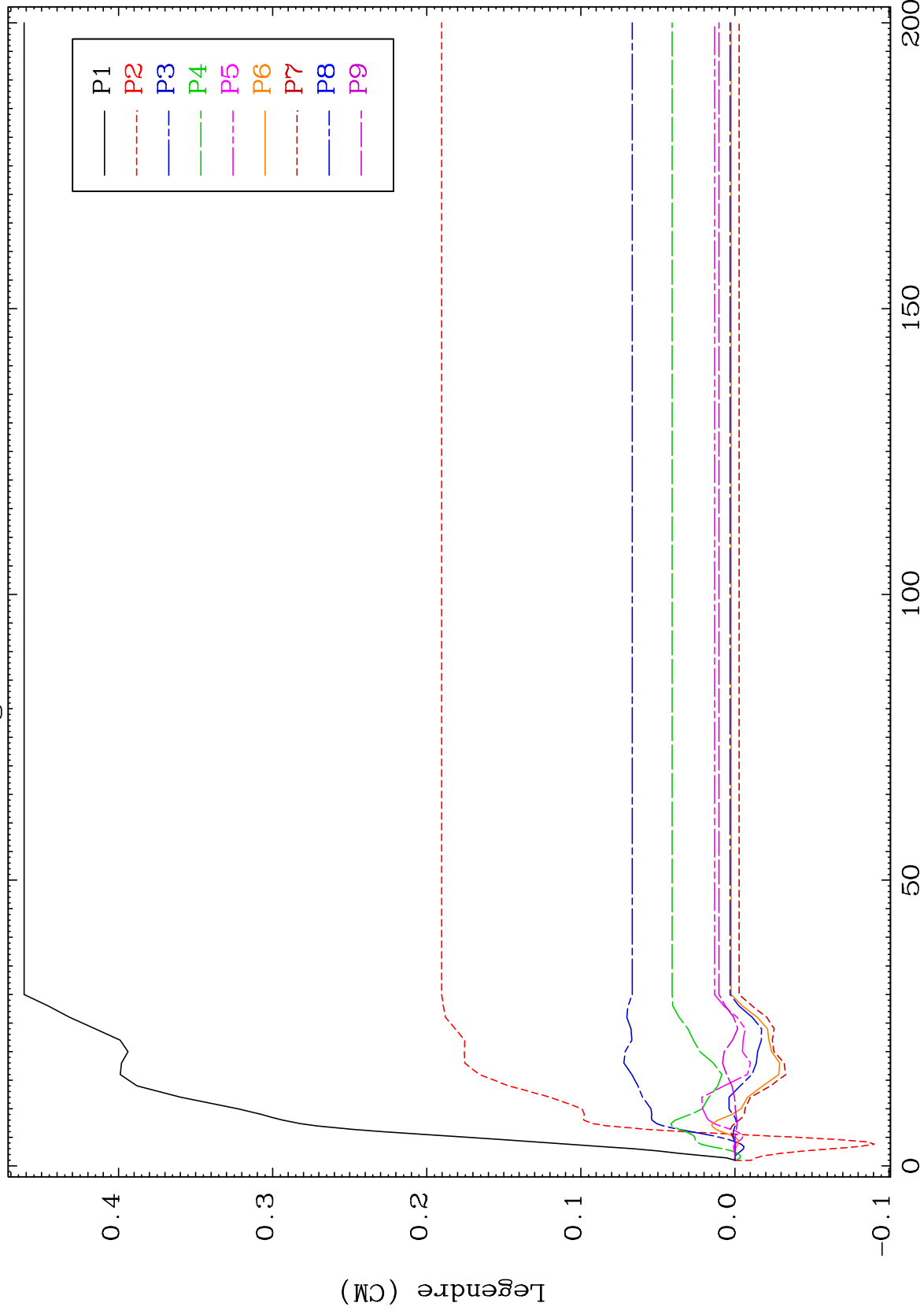




MAT 5625

MT= 53 (n,n') Level
Legendre Coefficients

56-Ba-130



56-Ba-130

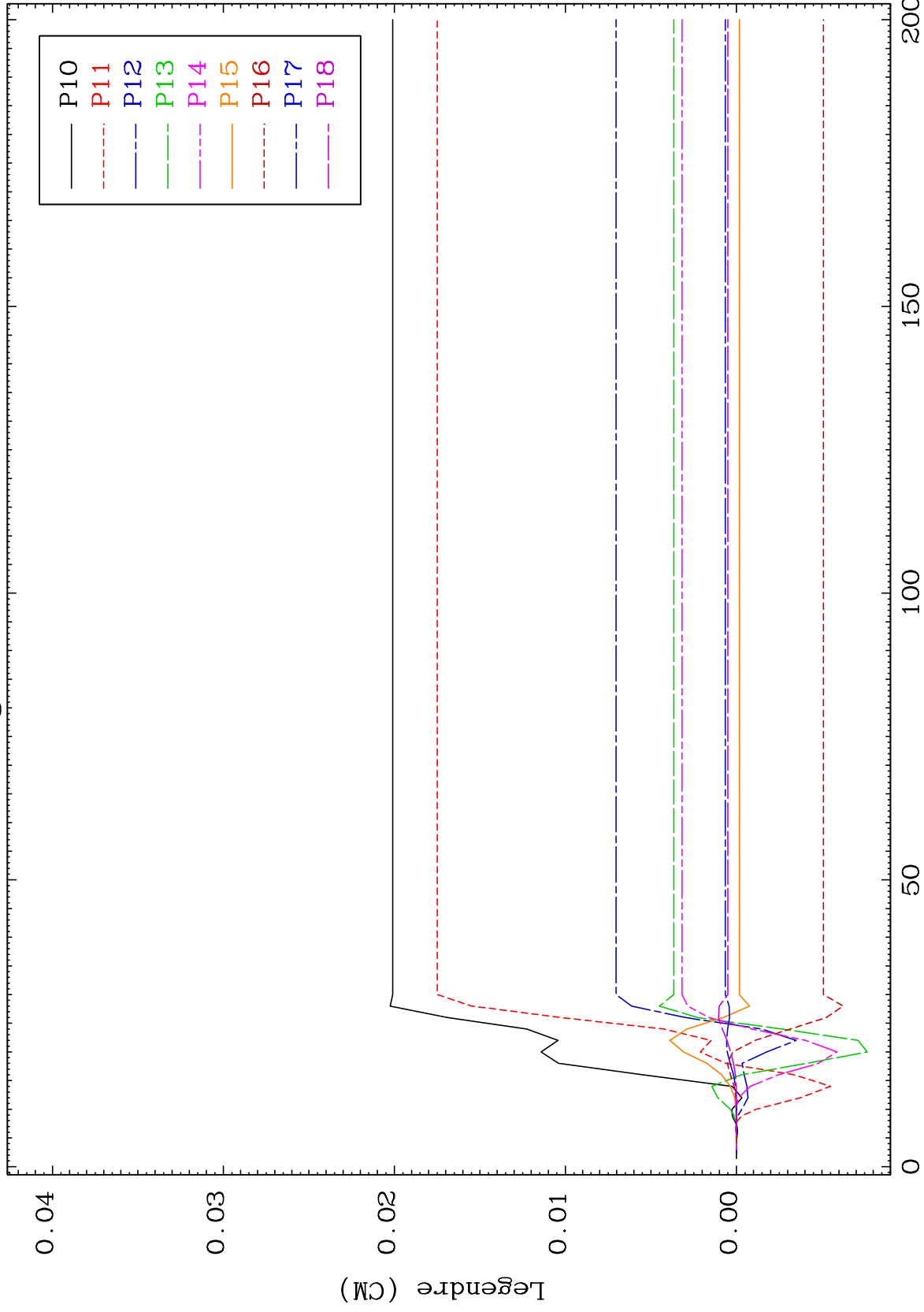
Incident Energy (MeV)

28

MAT 5625

MT= 53 (n,n') Level
Legendre Coefficients

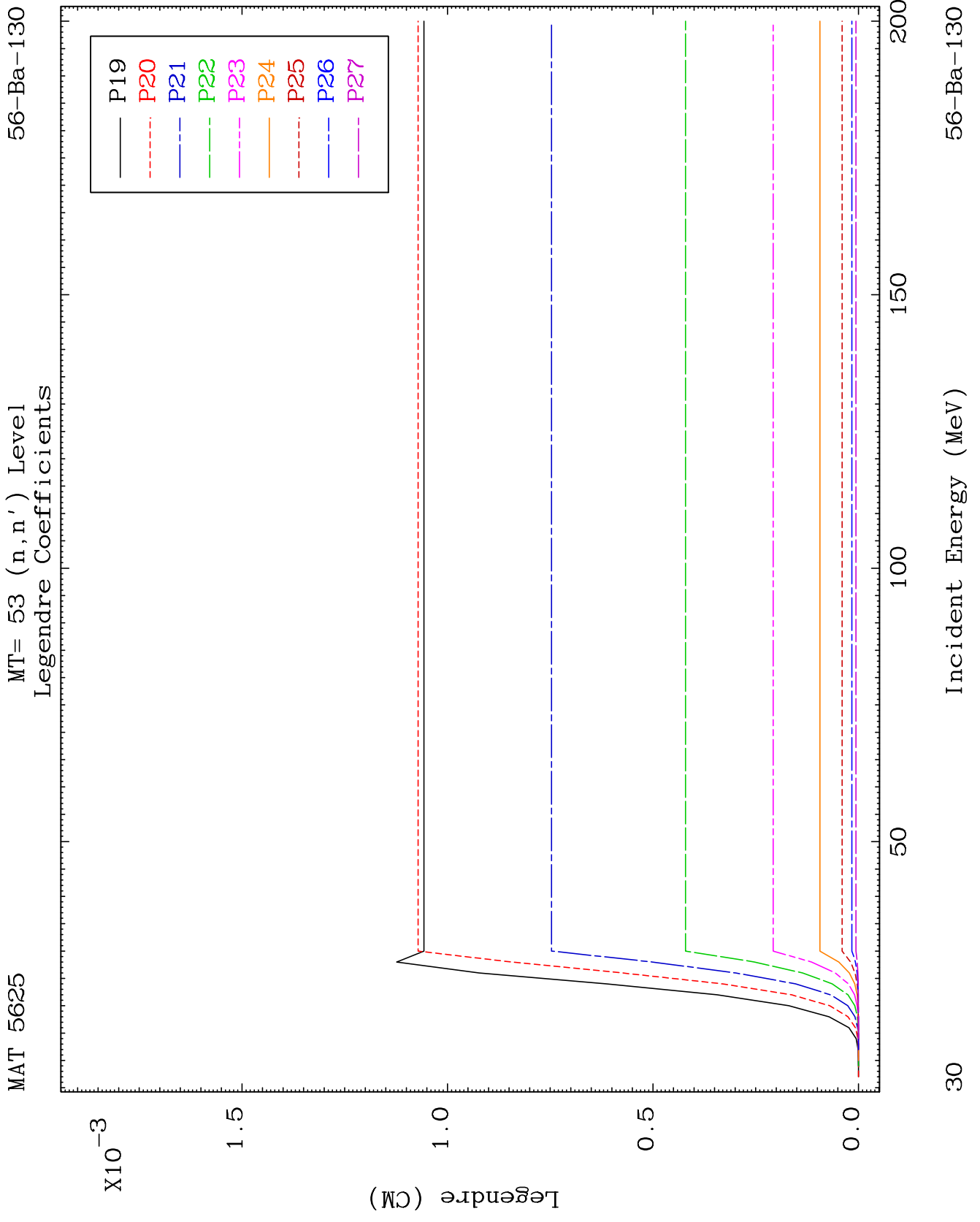
56-Ba-130



29

Incident Energy (MeV)

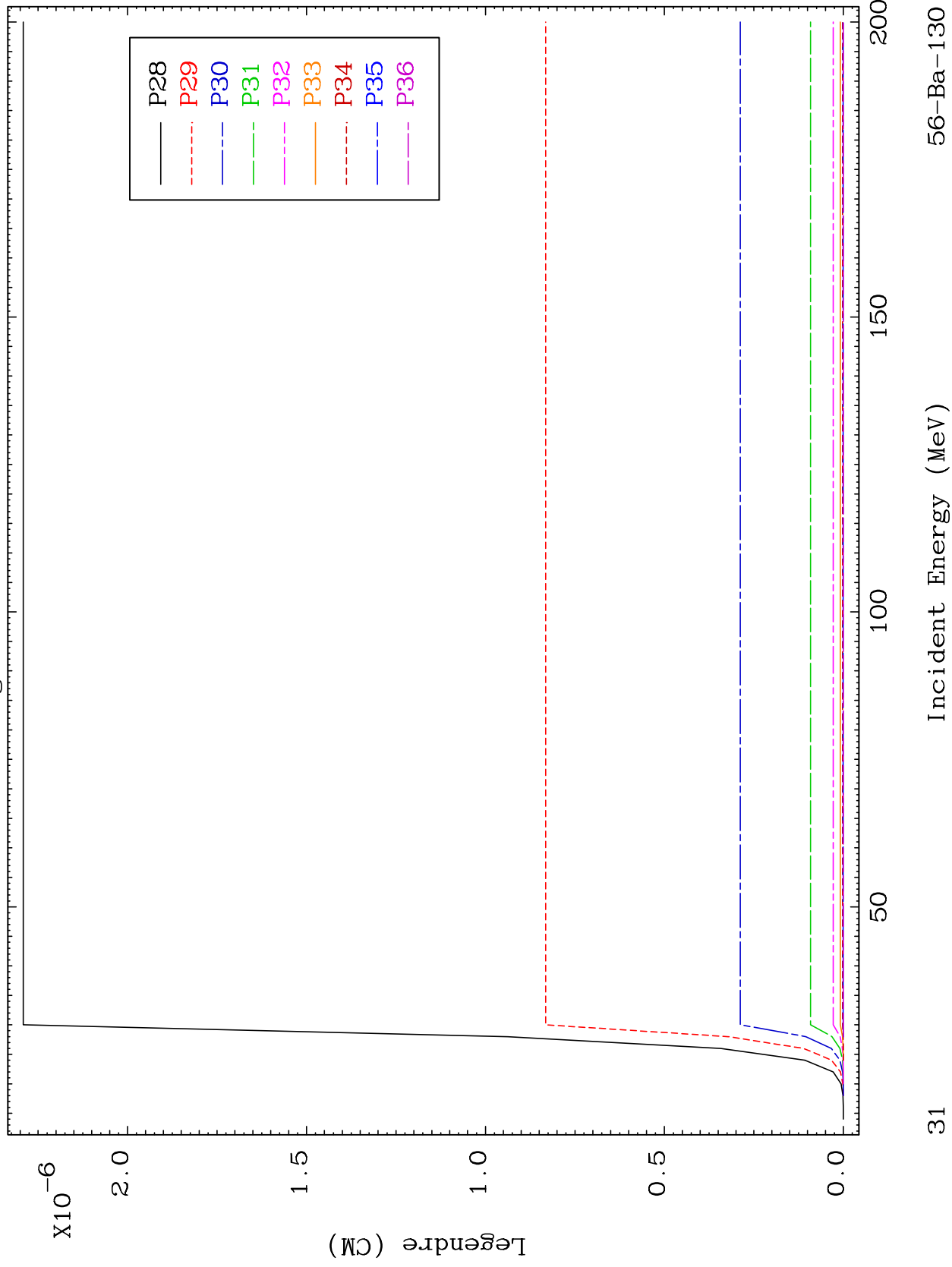
56-Ba-130

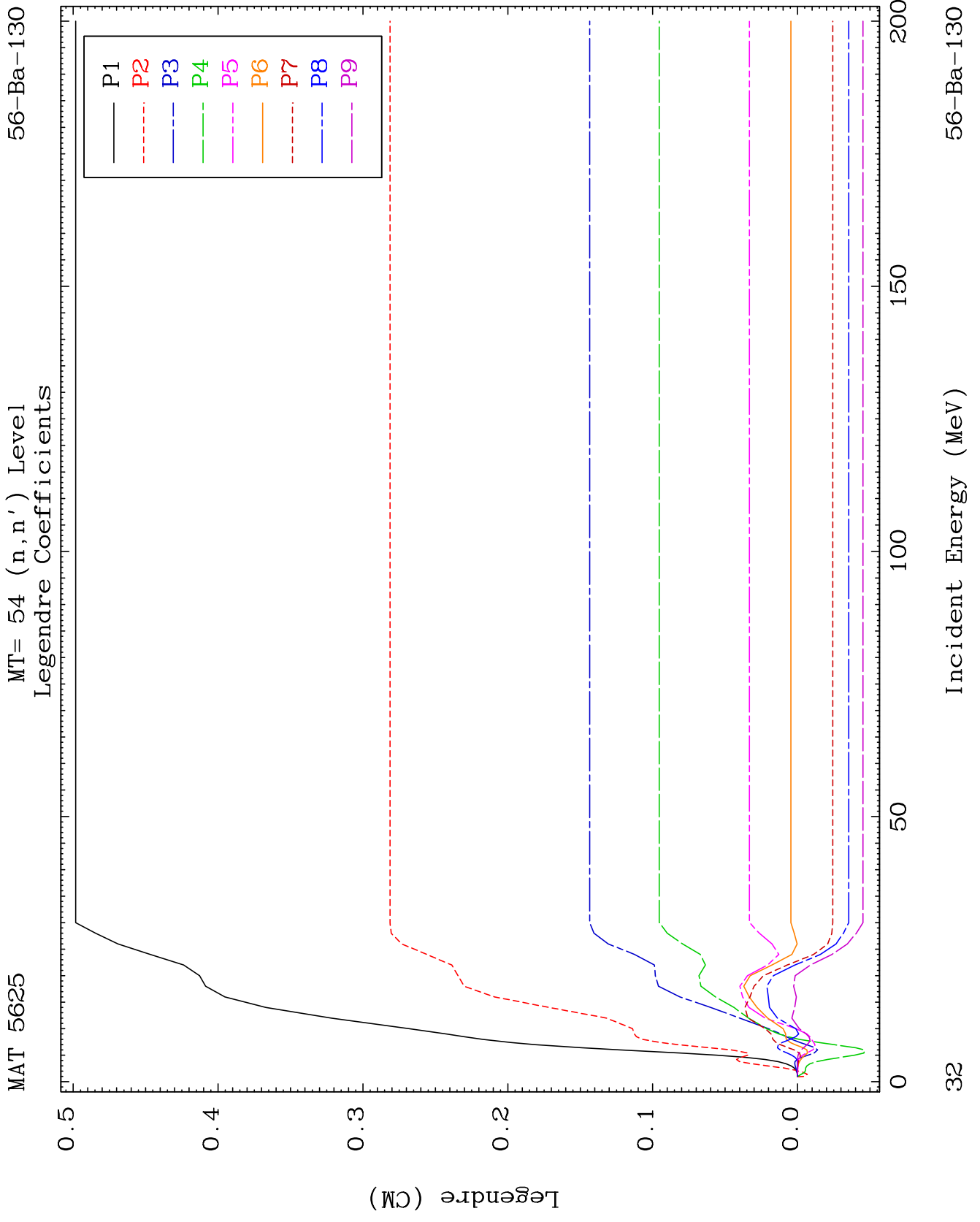


MAT 5625

MT= 53 (n,n') Level
Legendre Coefficients

56-Ba-130

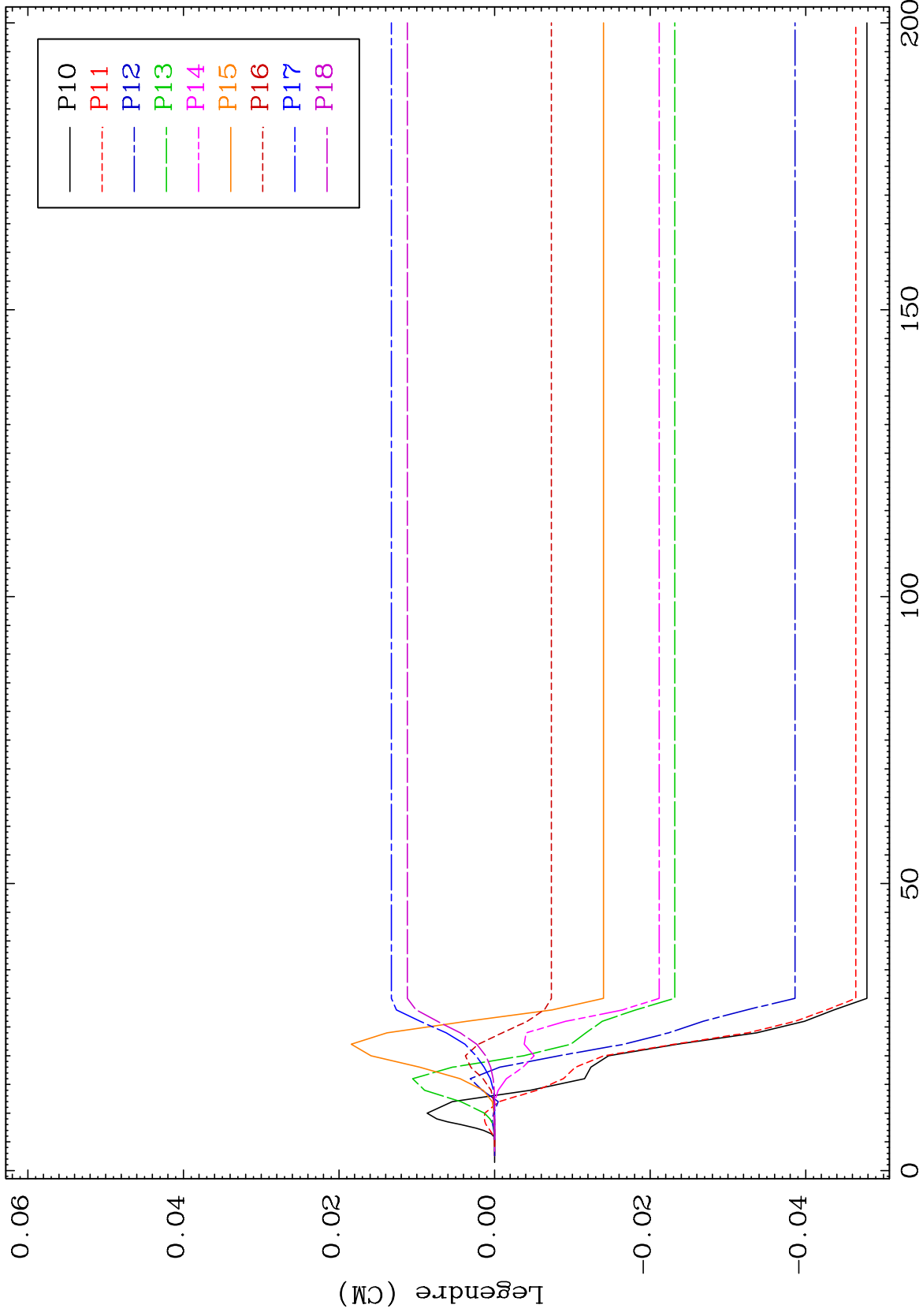




MAT 5625

MT= 54 (n,n') Level
Legendre Coefficients

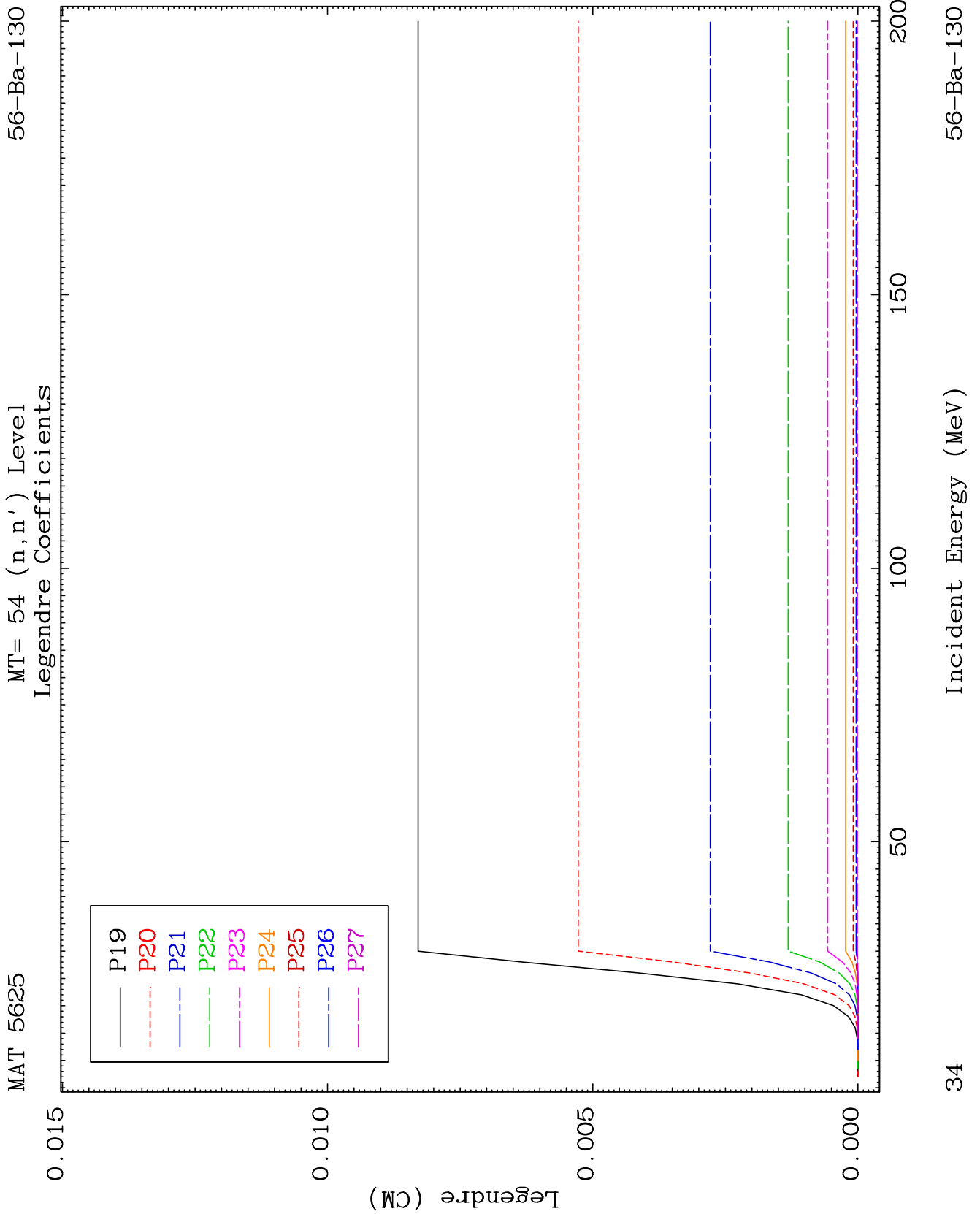
56-Ba-130



33

Incident Energy (MeV)

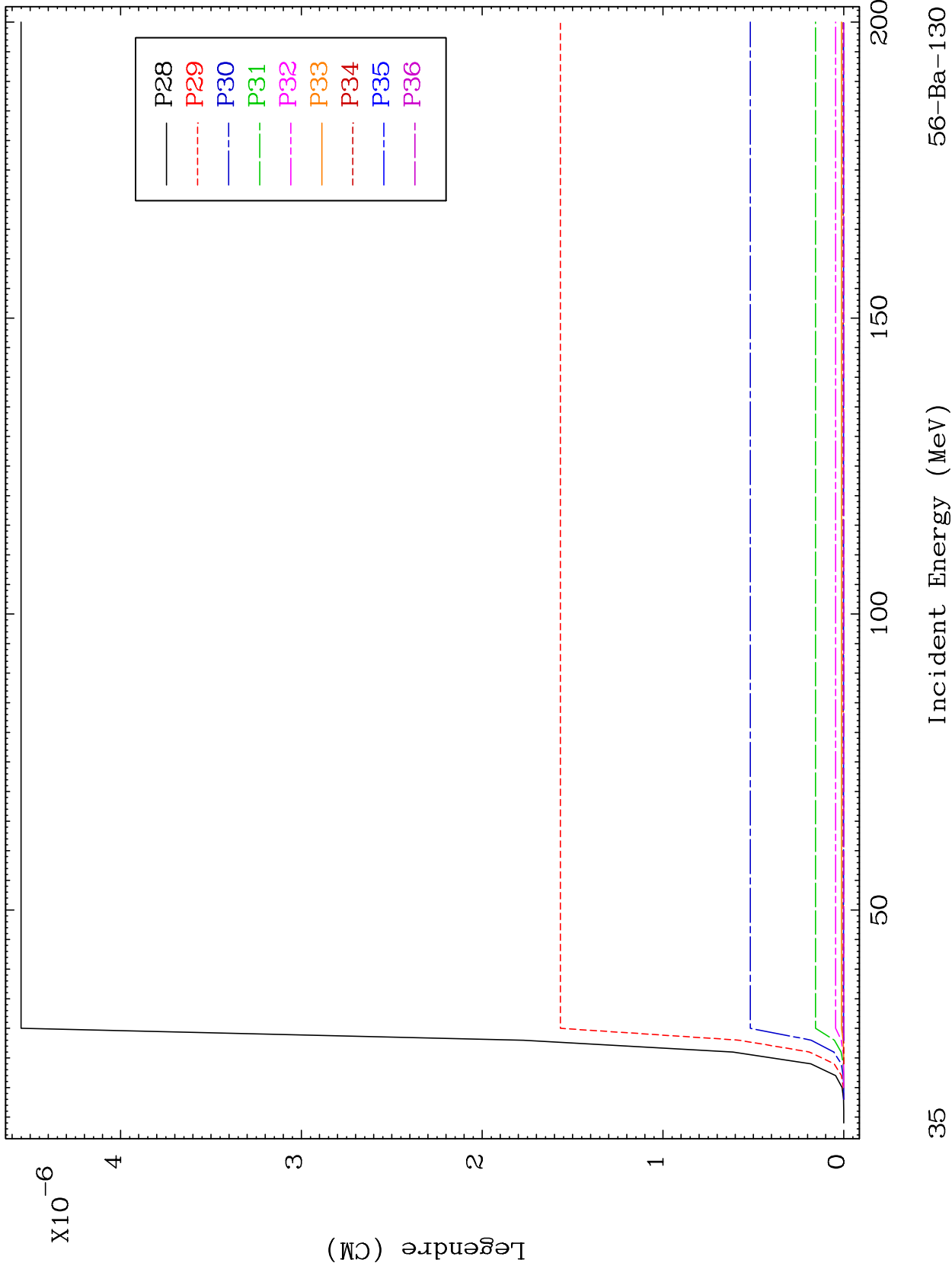
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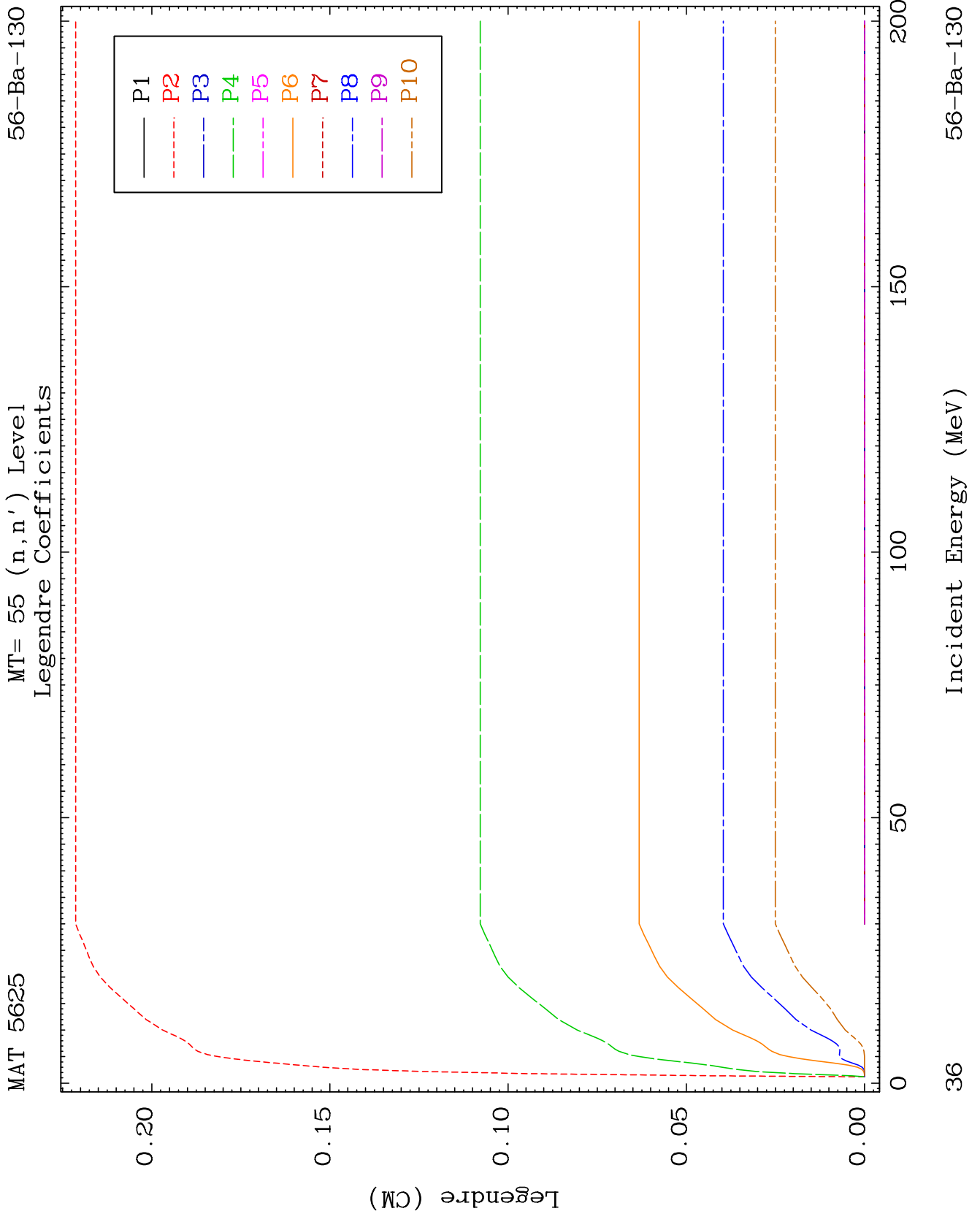


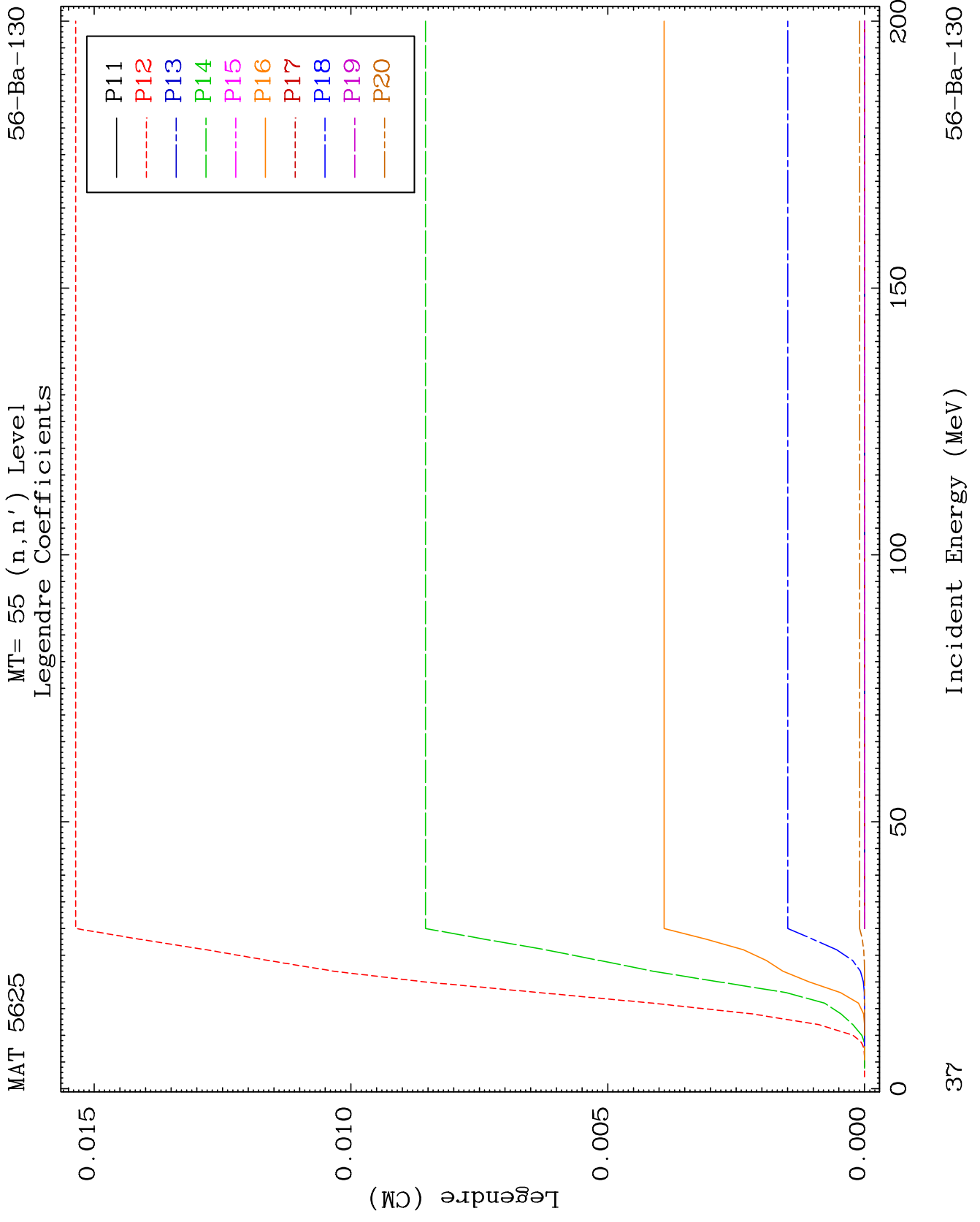
MAT 5625

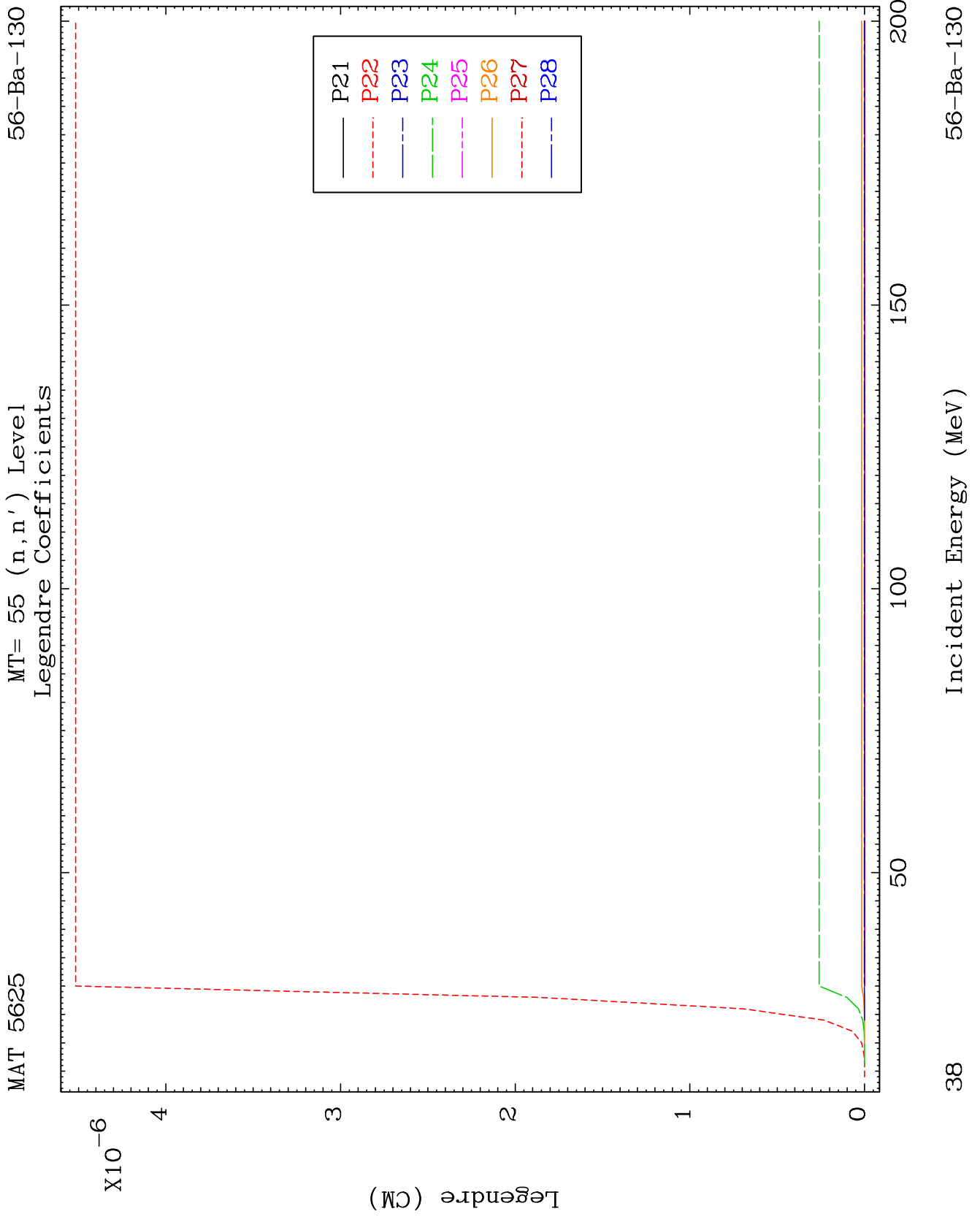
MT= 54 (n,n') Level
Legendre Coefficients

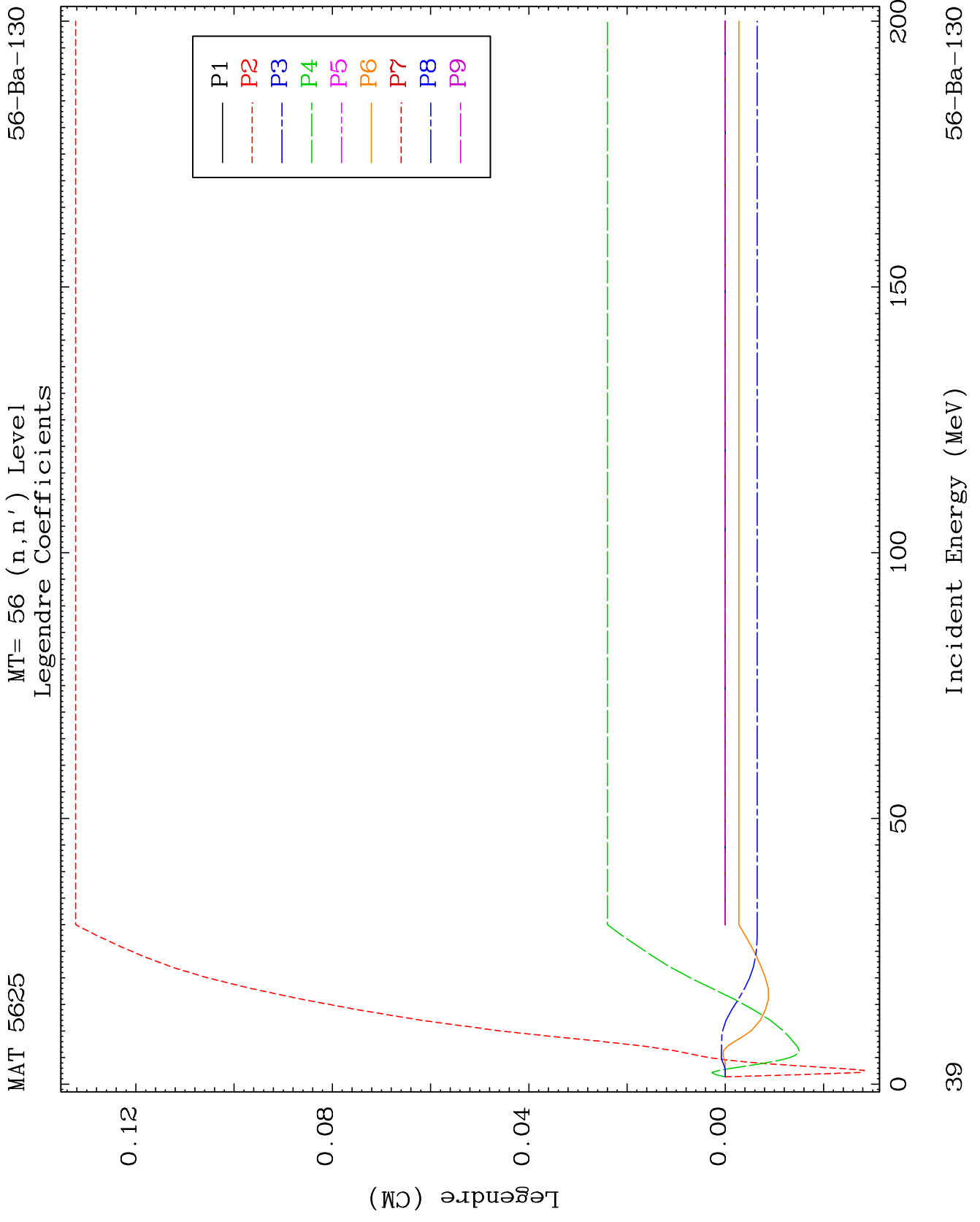
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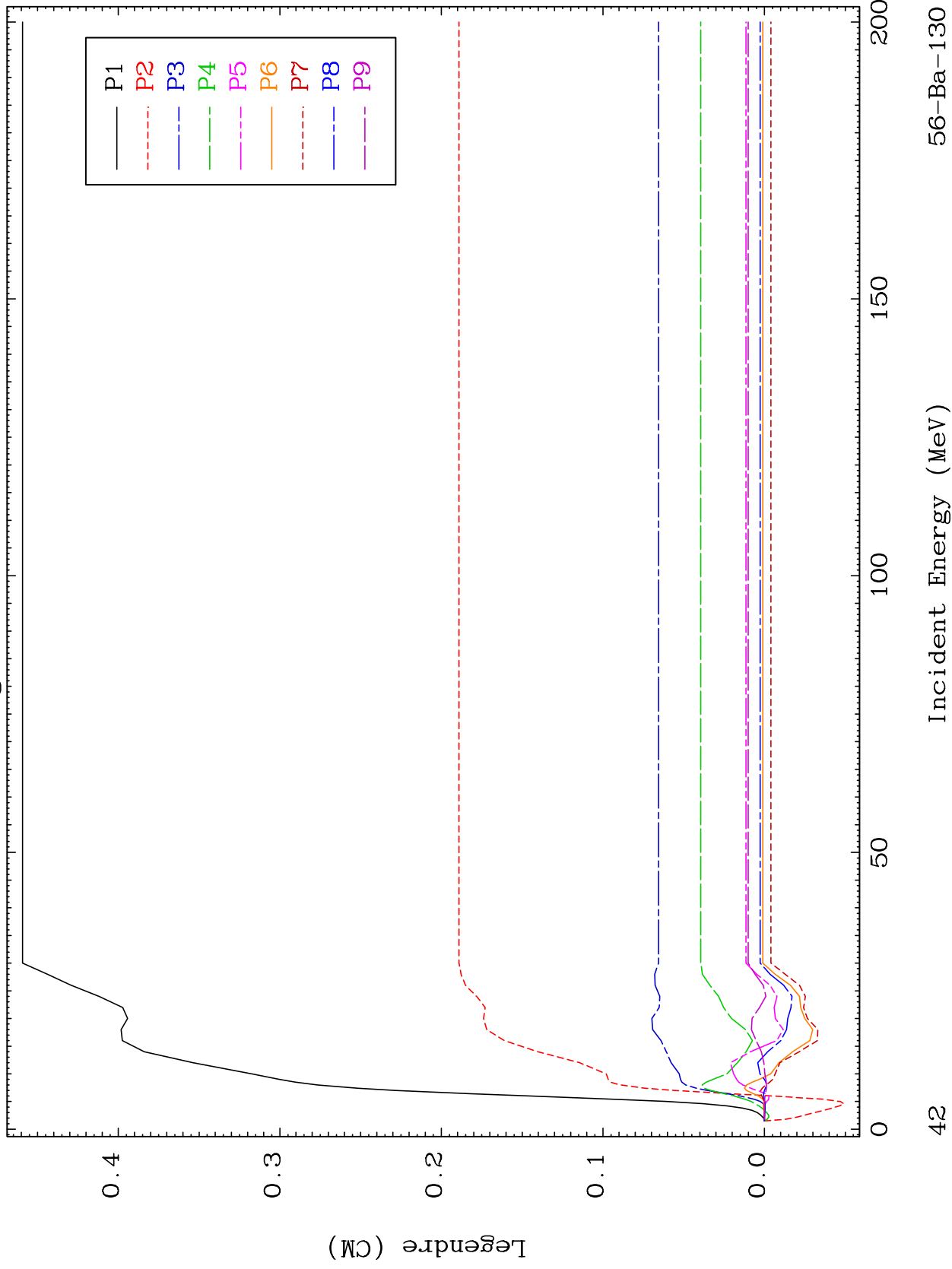




MAT 5625

MT= 57 (n,n') Level
Legendre Coefficients

56-Ba-130



56-Ba-130

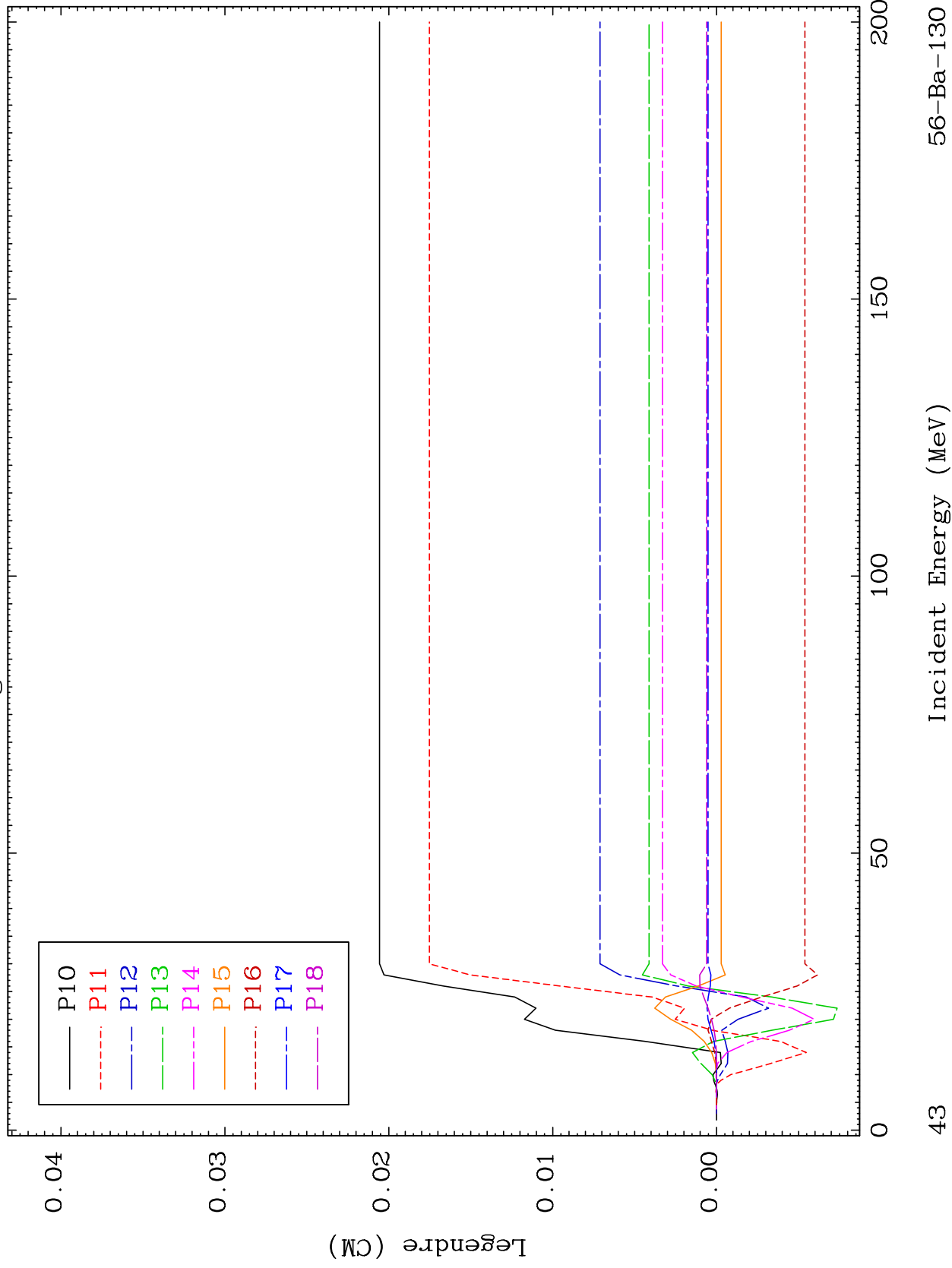
Incident Energy (MeV)

42

MAT 5625

MT= 57 (n,n') Level
Legendre Coefficients

56-Ba-130



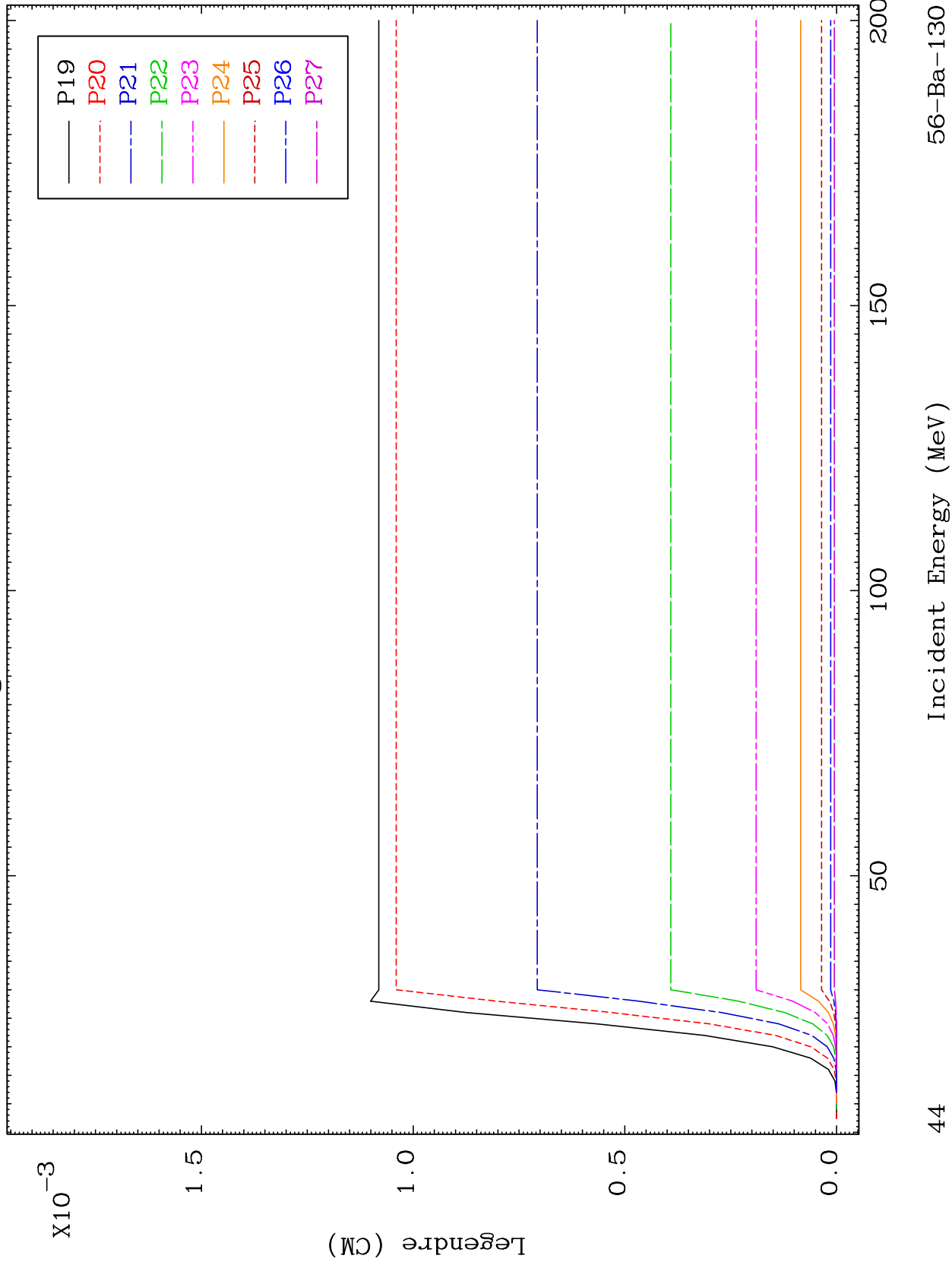
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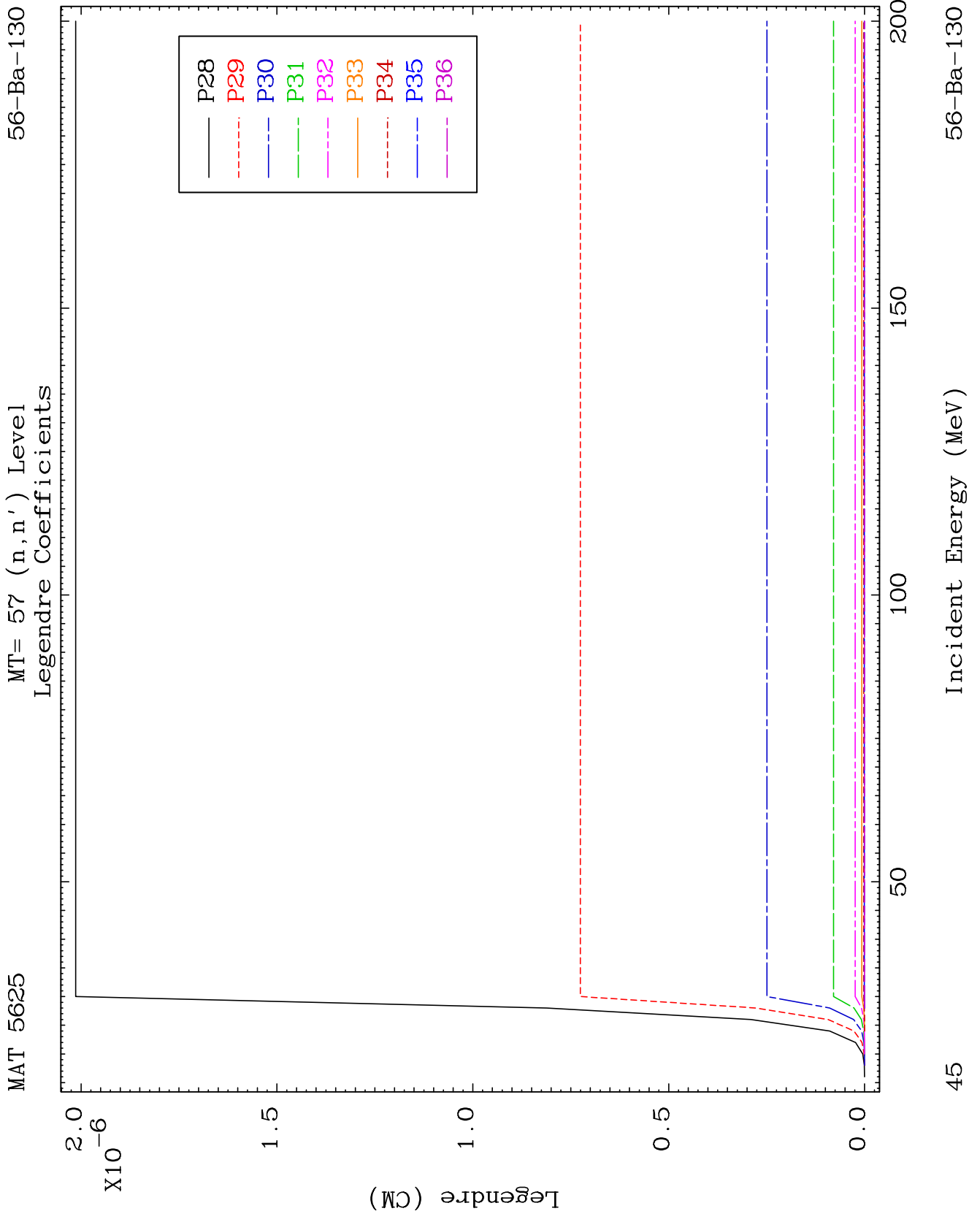
56-Ba-130

MAT 5625

MT= 57 (n,n') Level
Legendre Coefficients

56-Ba-130

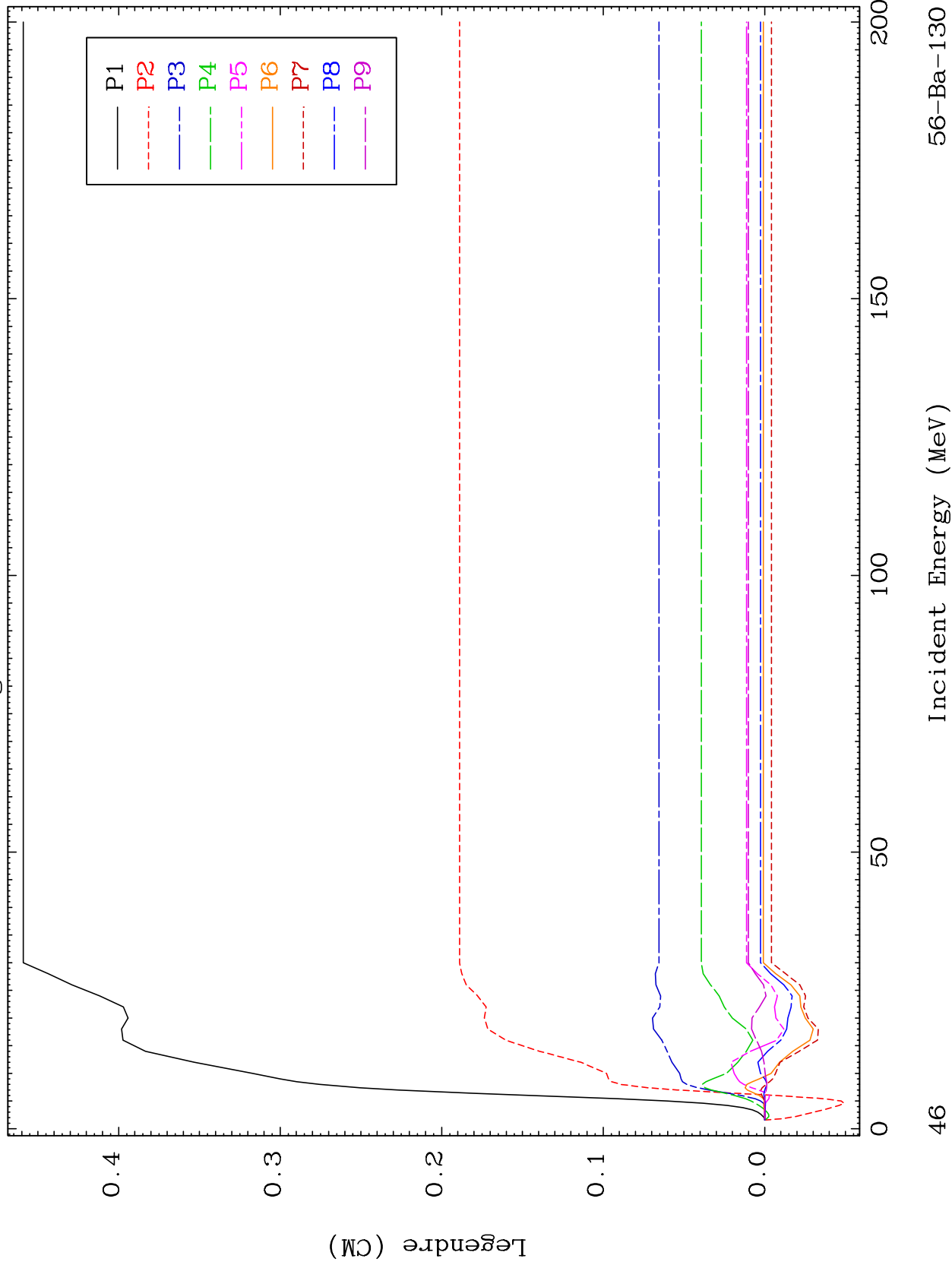




MAT 5625

MT= 58 (n,n') Level
Legendre Coefficients

56-Ba-130



56-Ba-130

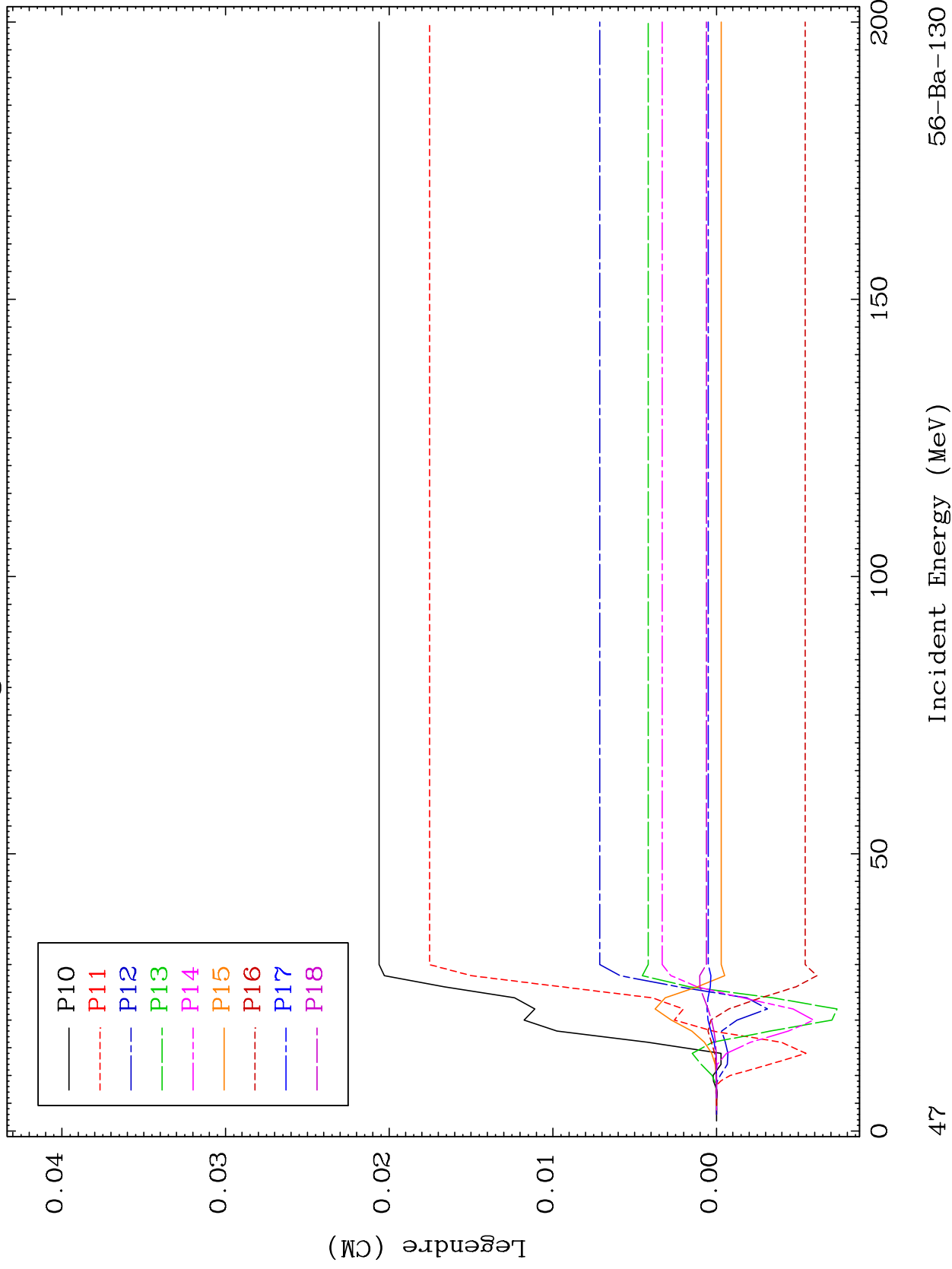
Incident Energy (MeV)

46

MAT 5625

MT= 58 (n,n') Level
Legendre Coefficients

56-Ba-130



47

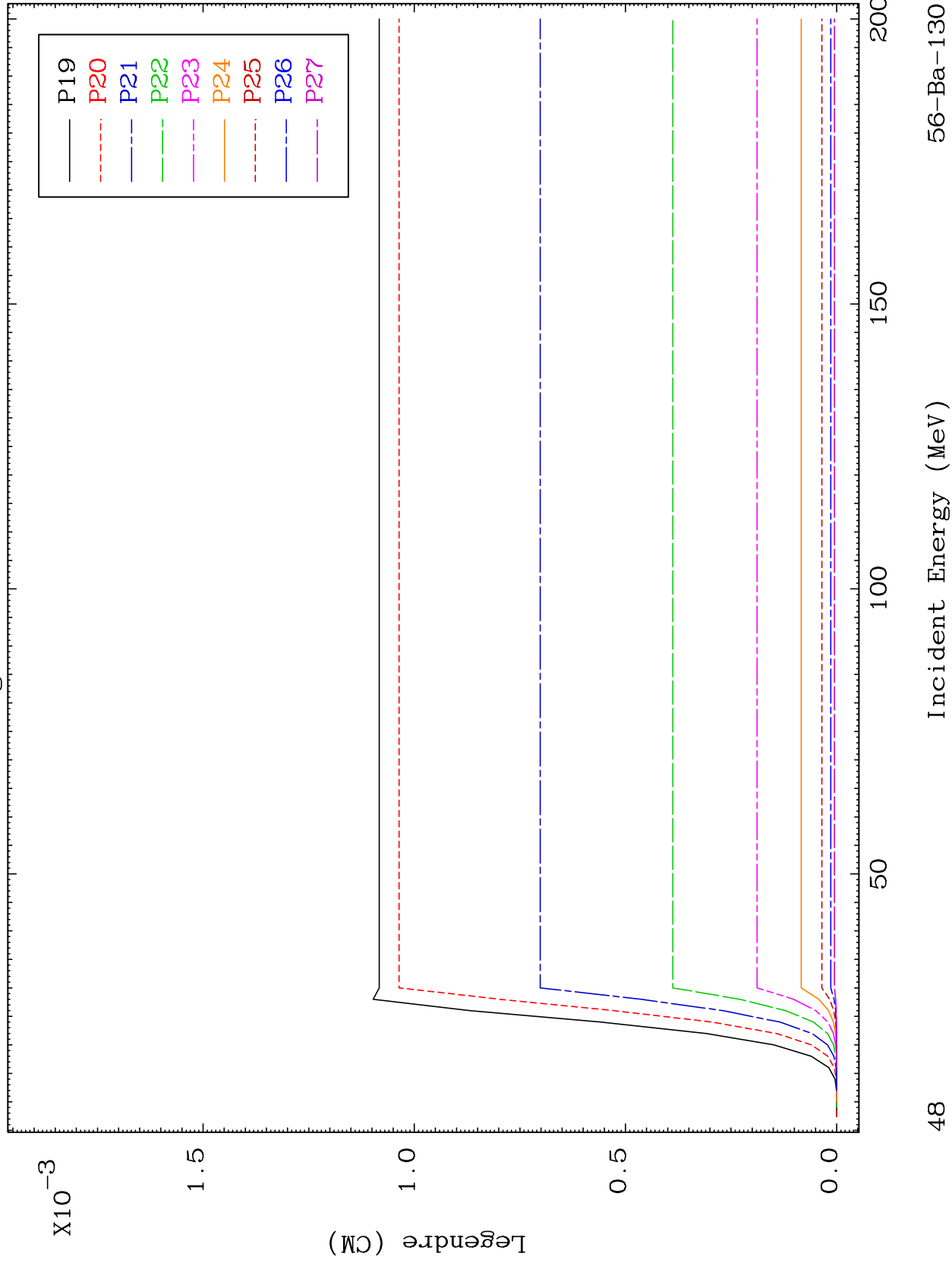
Incident Energy (MeV)

56-Ba-130

MAT 5625

MT= 58 (n,n') Level
Legendre Coefficients

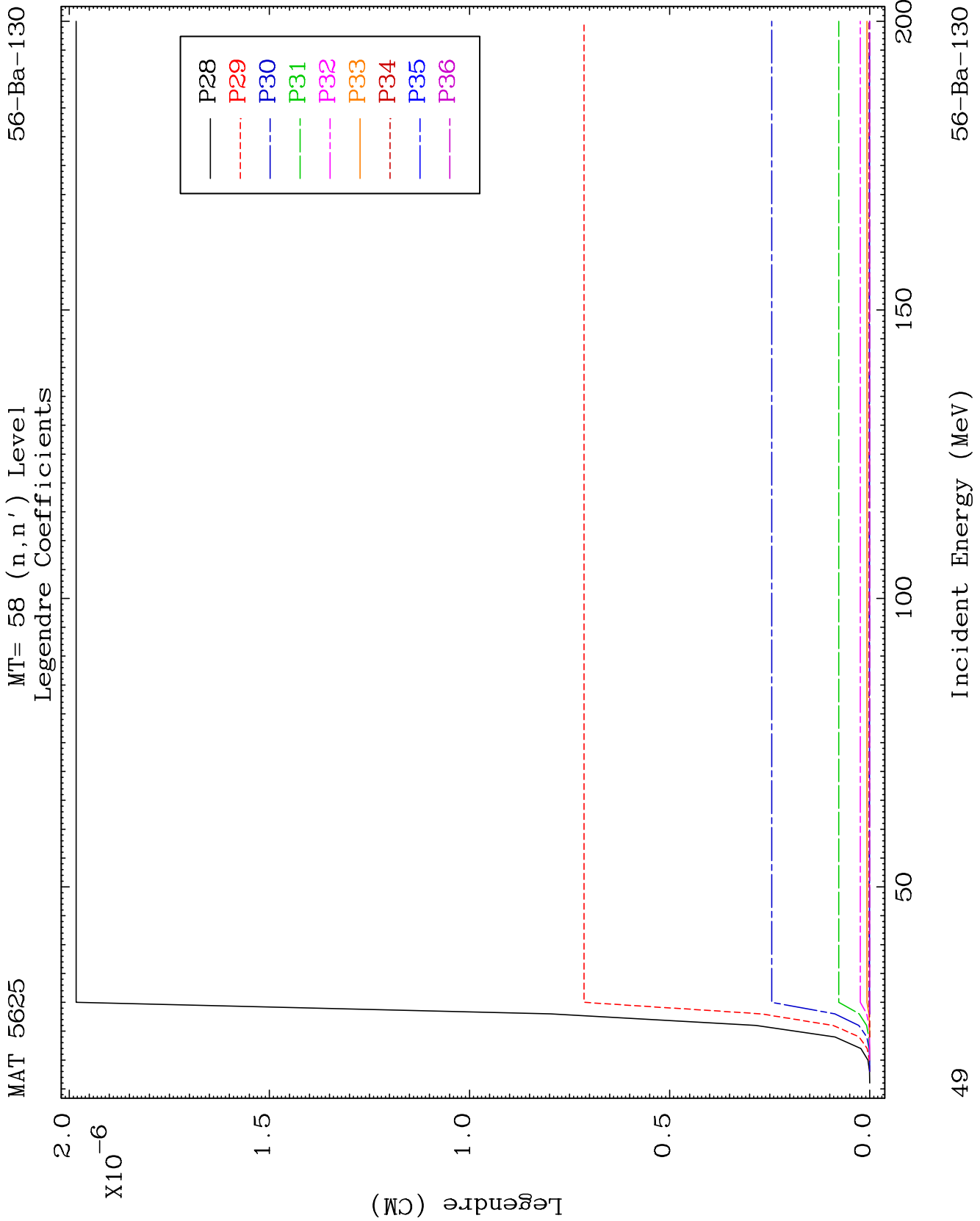
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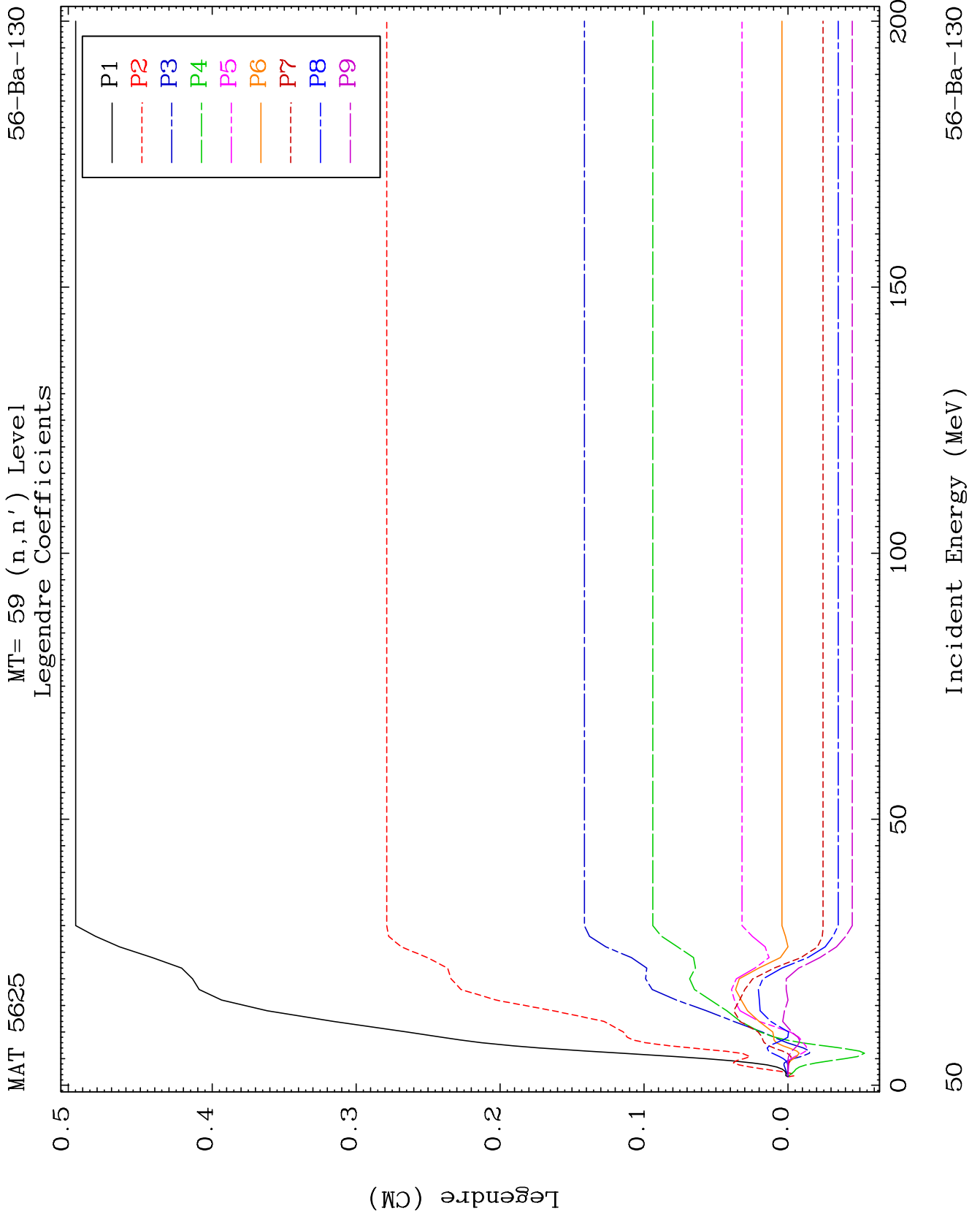


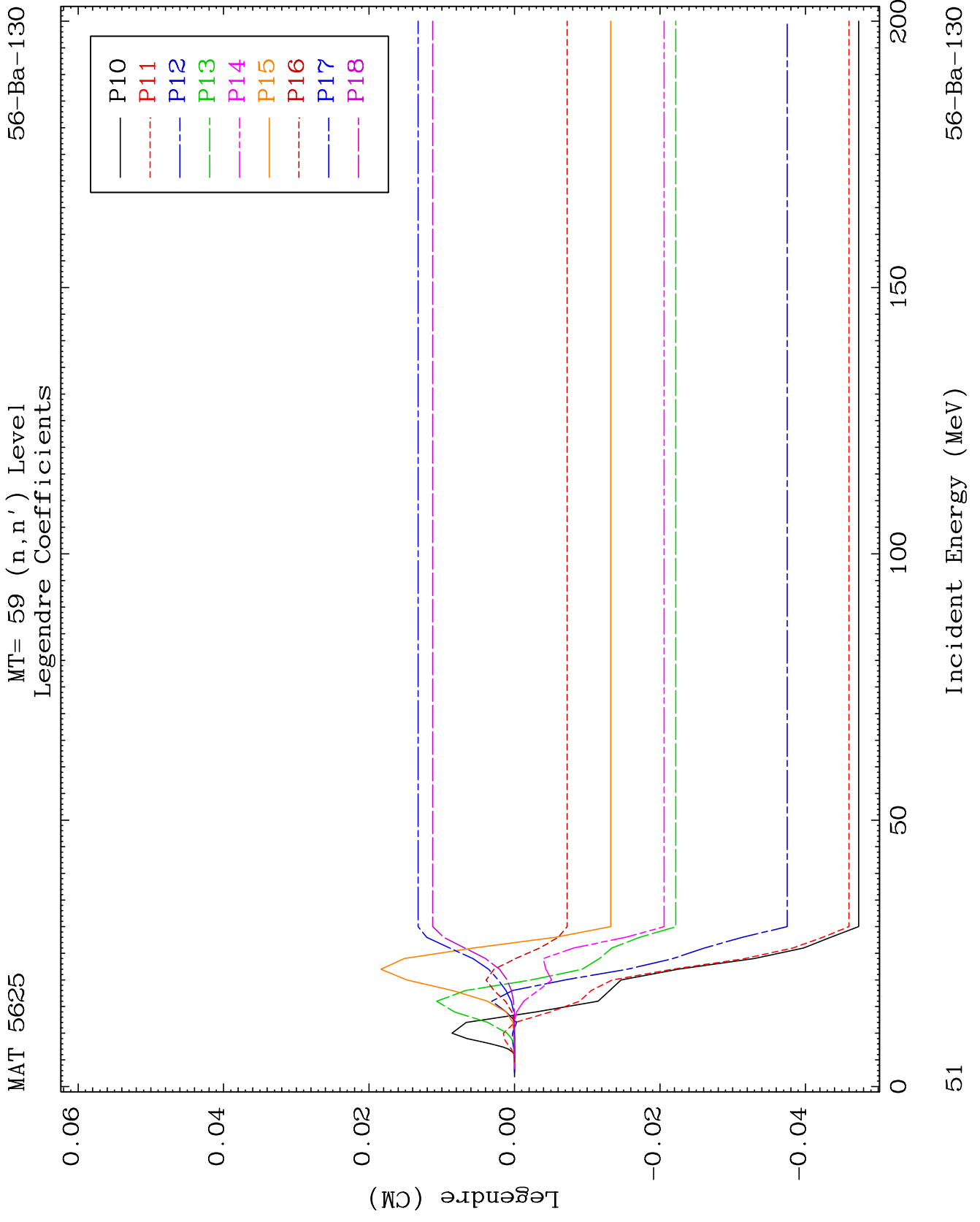
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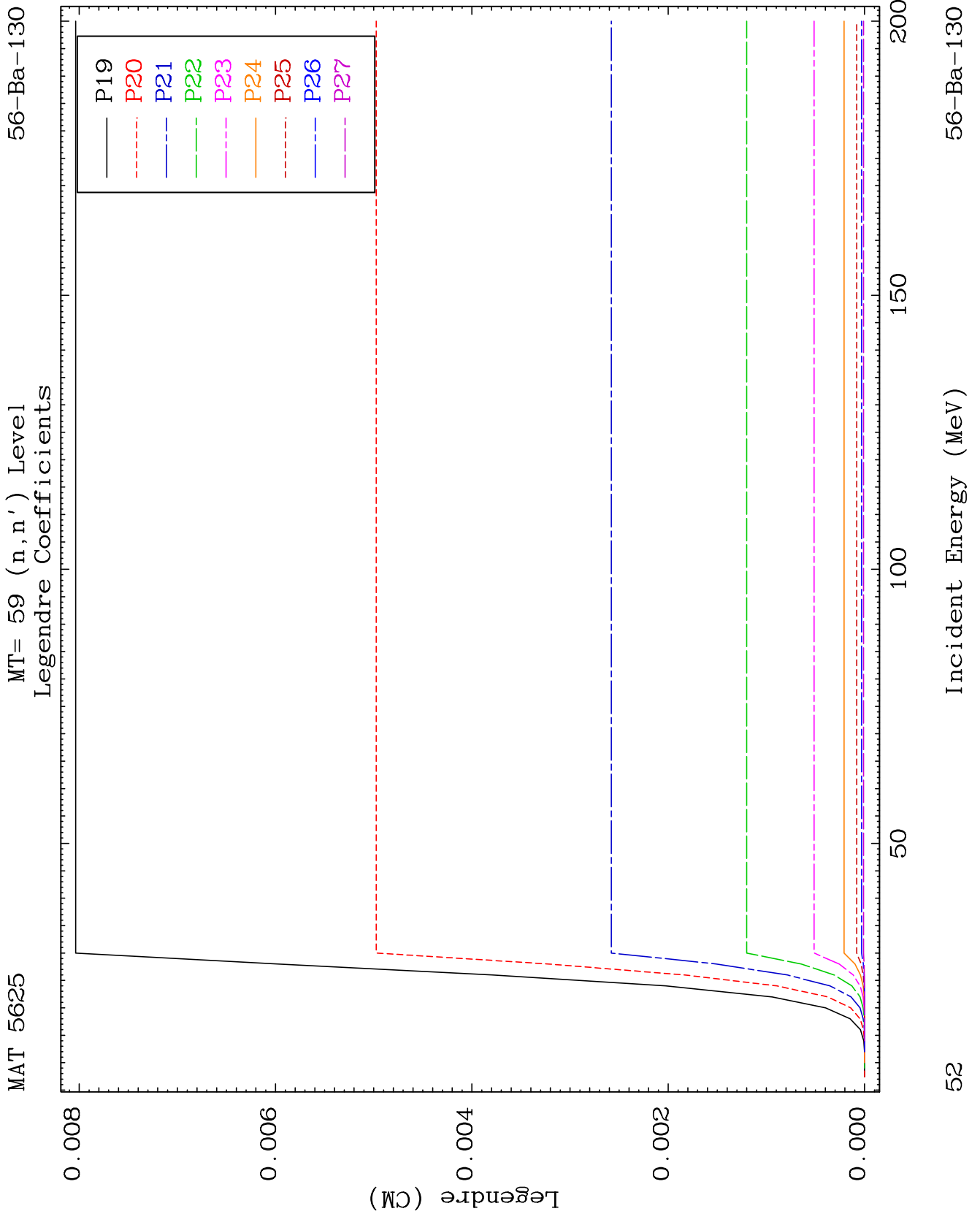
Incident Energy (MeV)

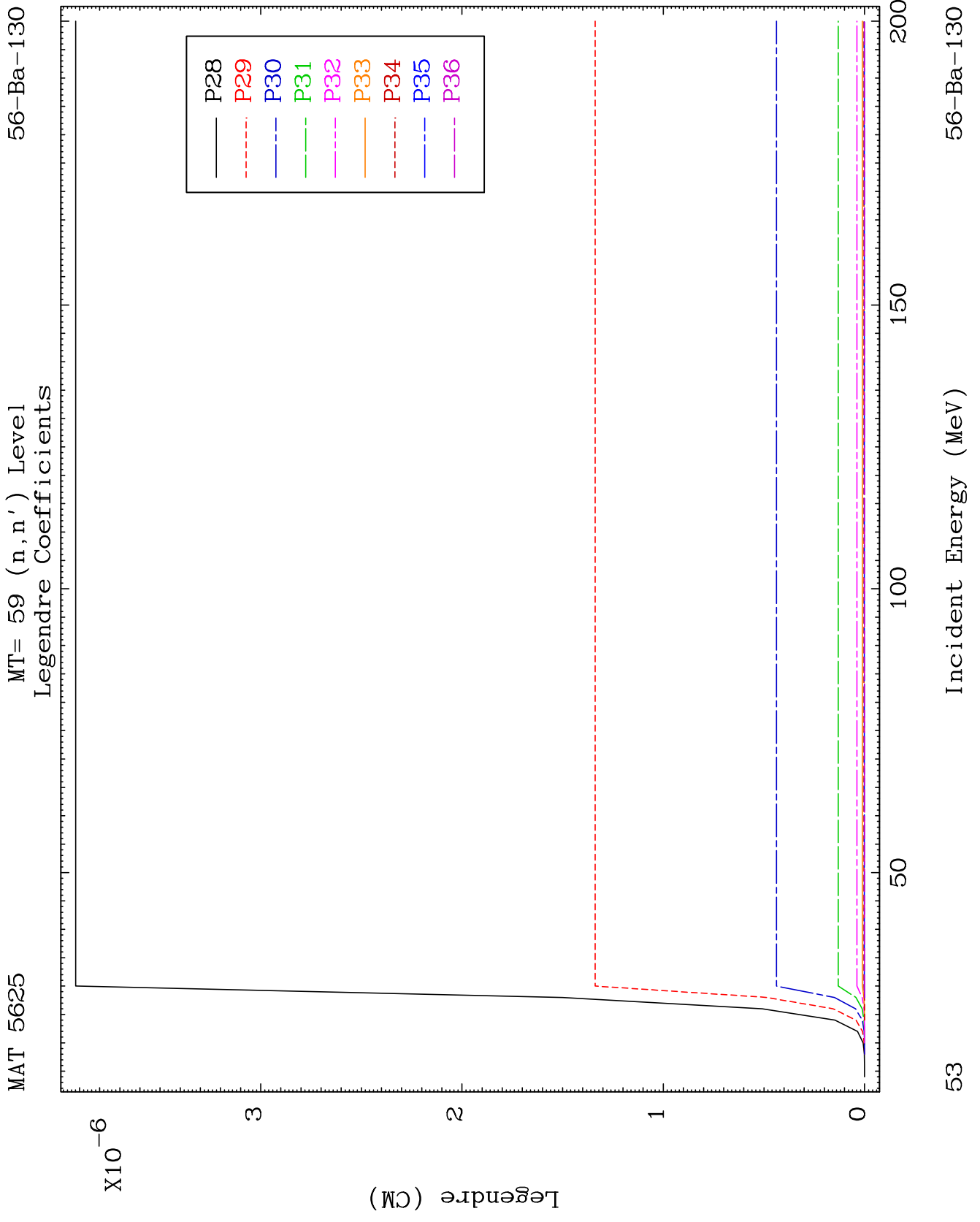
56-Ba-130







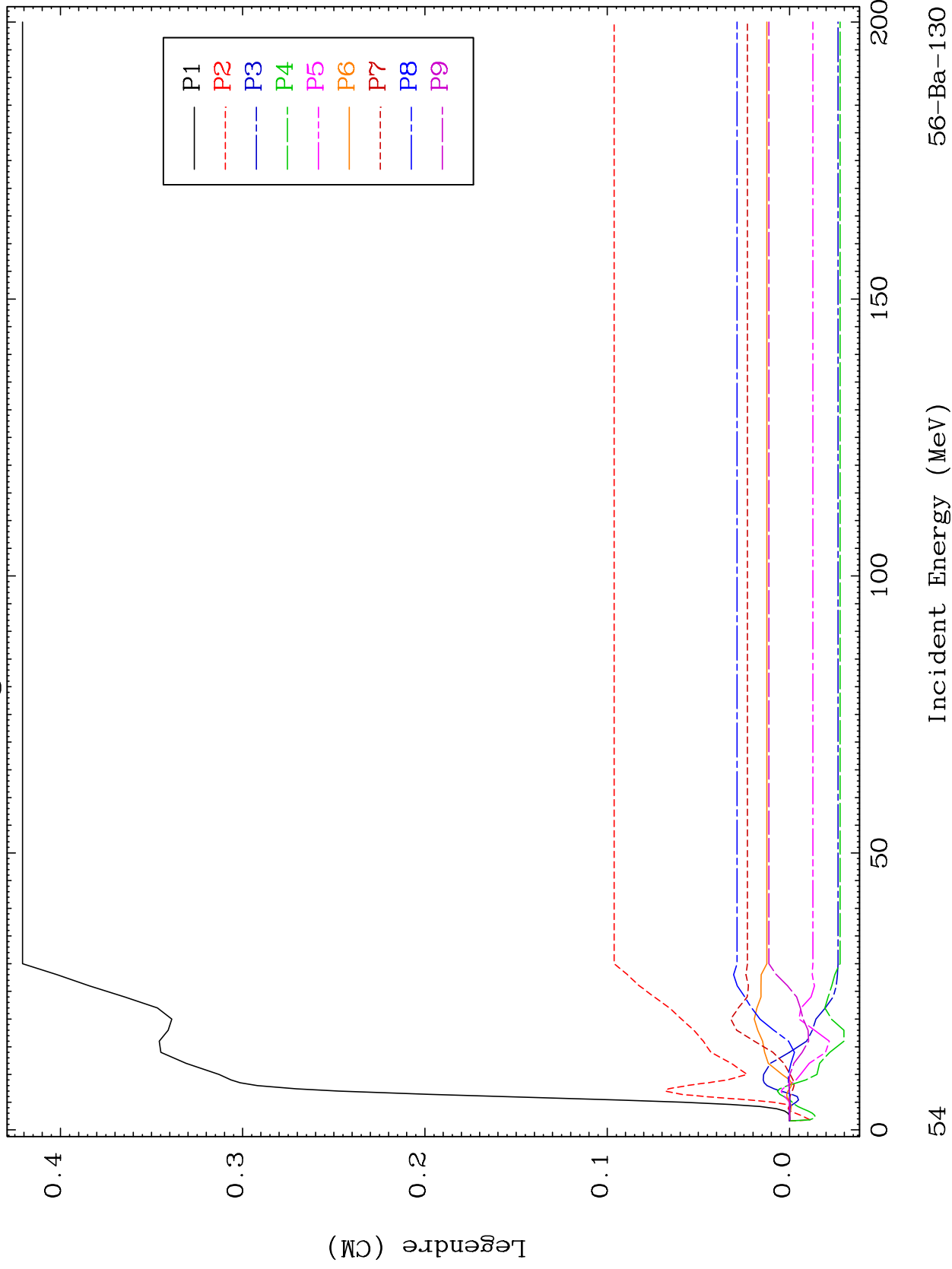




MAT 5625

MT= 60 (n,n') Level
Legendre Coefficients

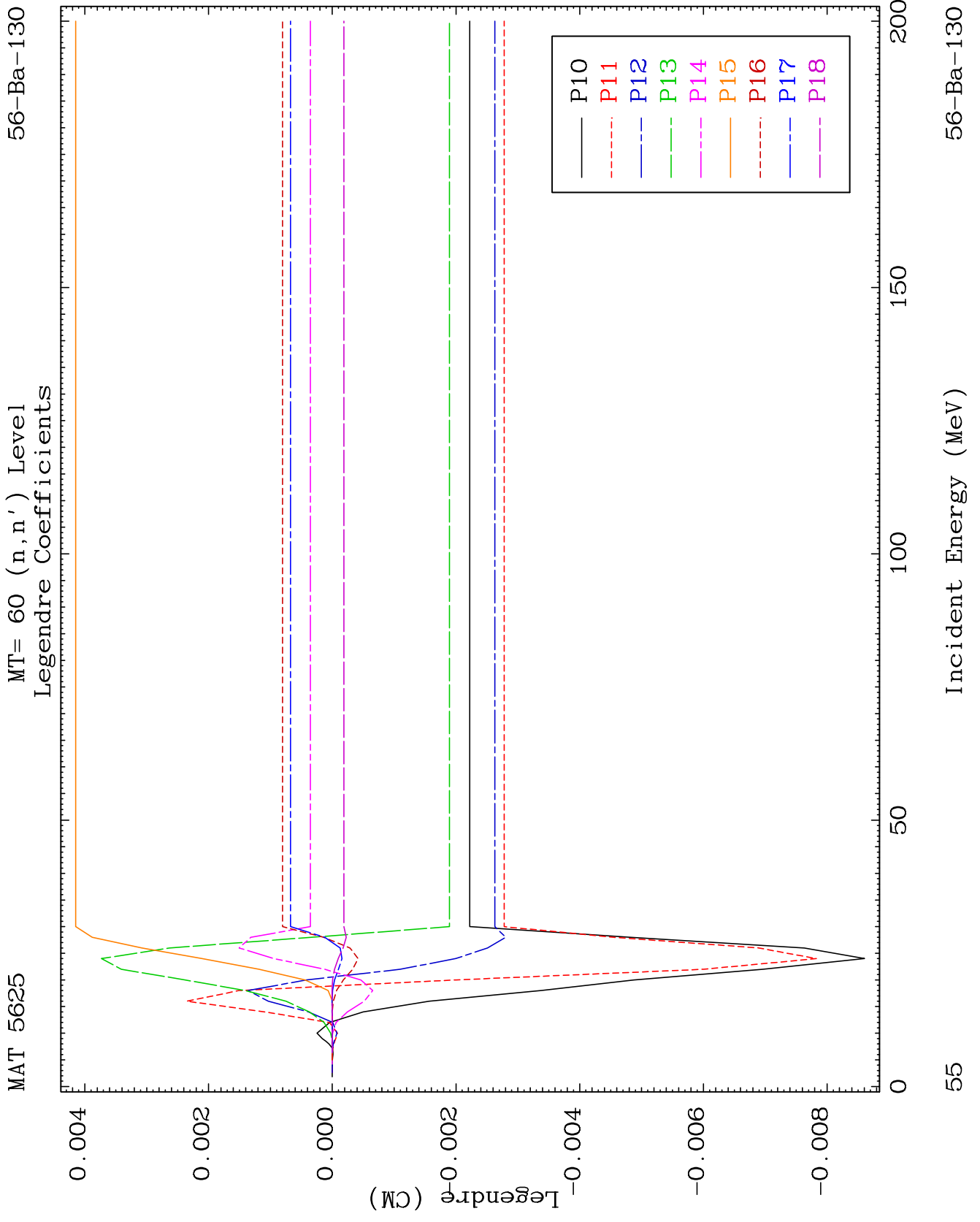
56-Ba-130

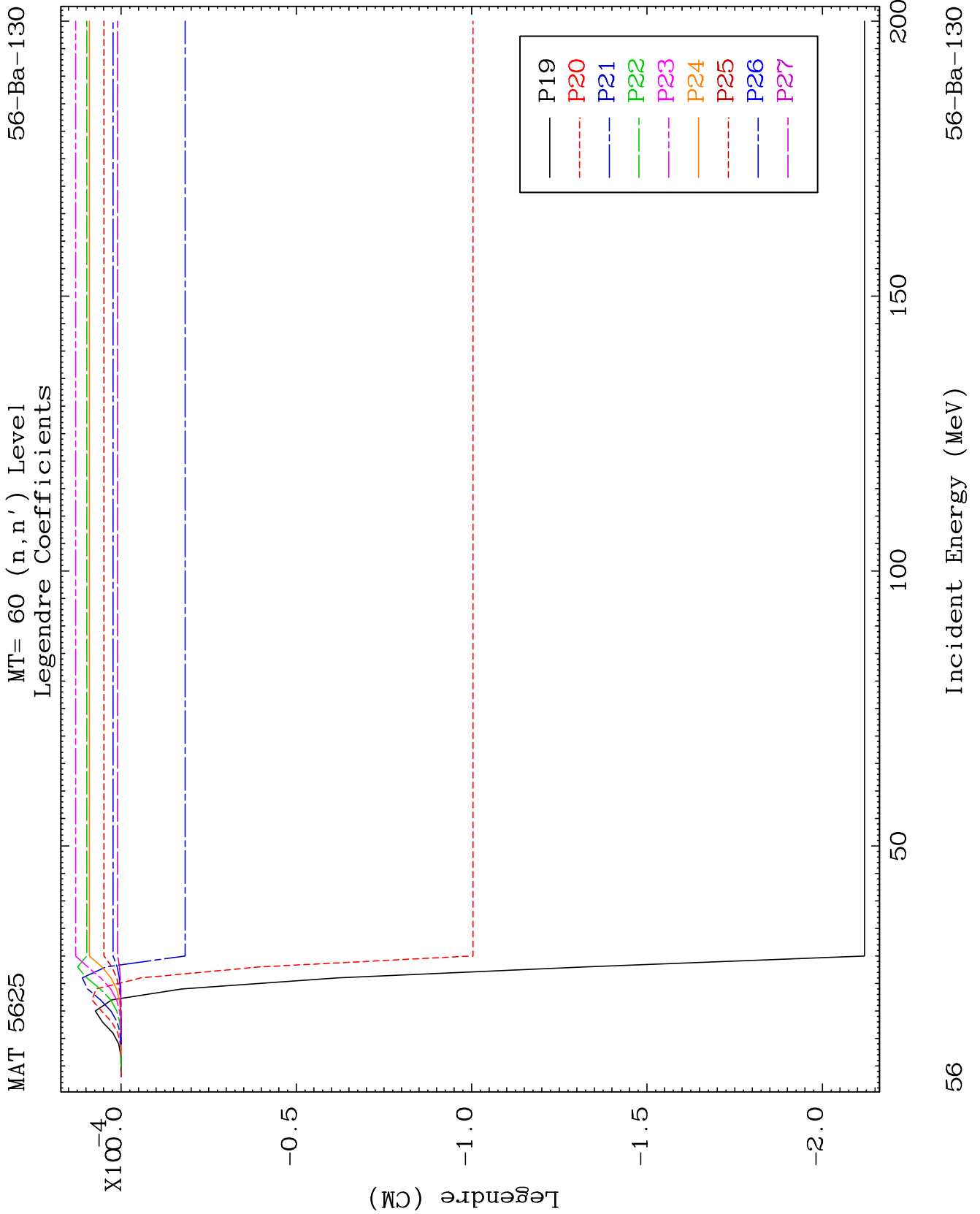


56-Ba-130

Incident Energy (MeV)

54

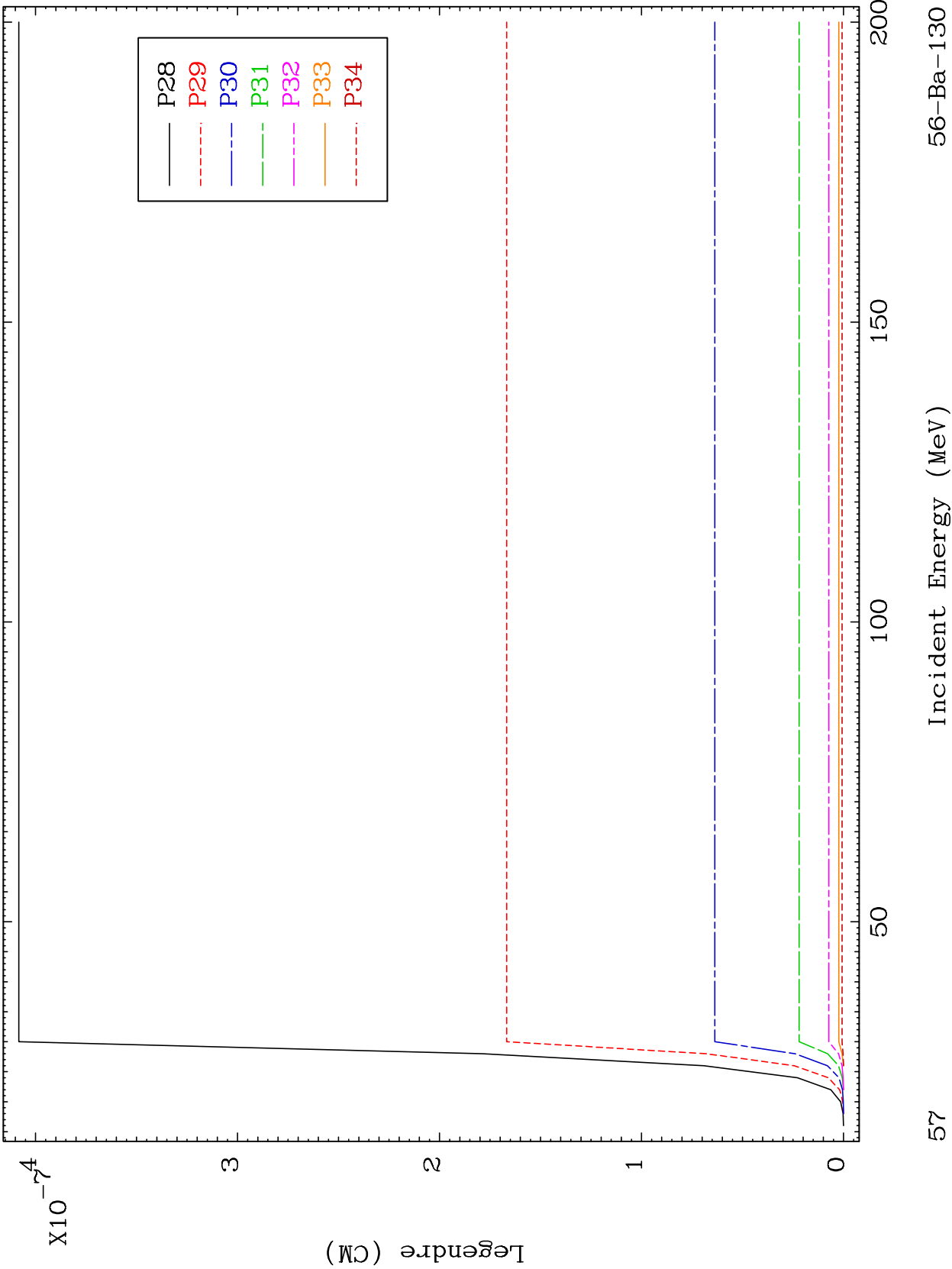




MAT 5625

MT= 60 (n,n') Level
Legendre Coefficients

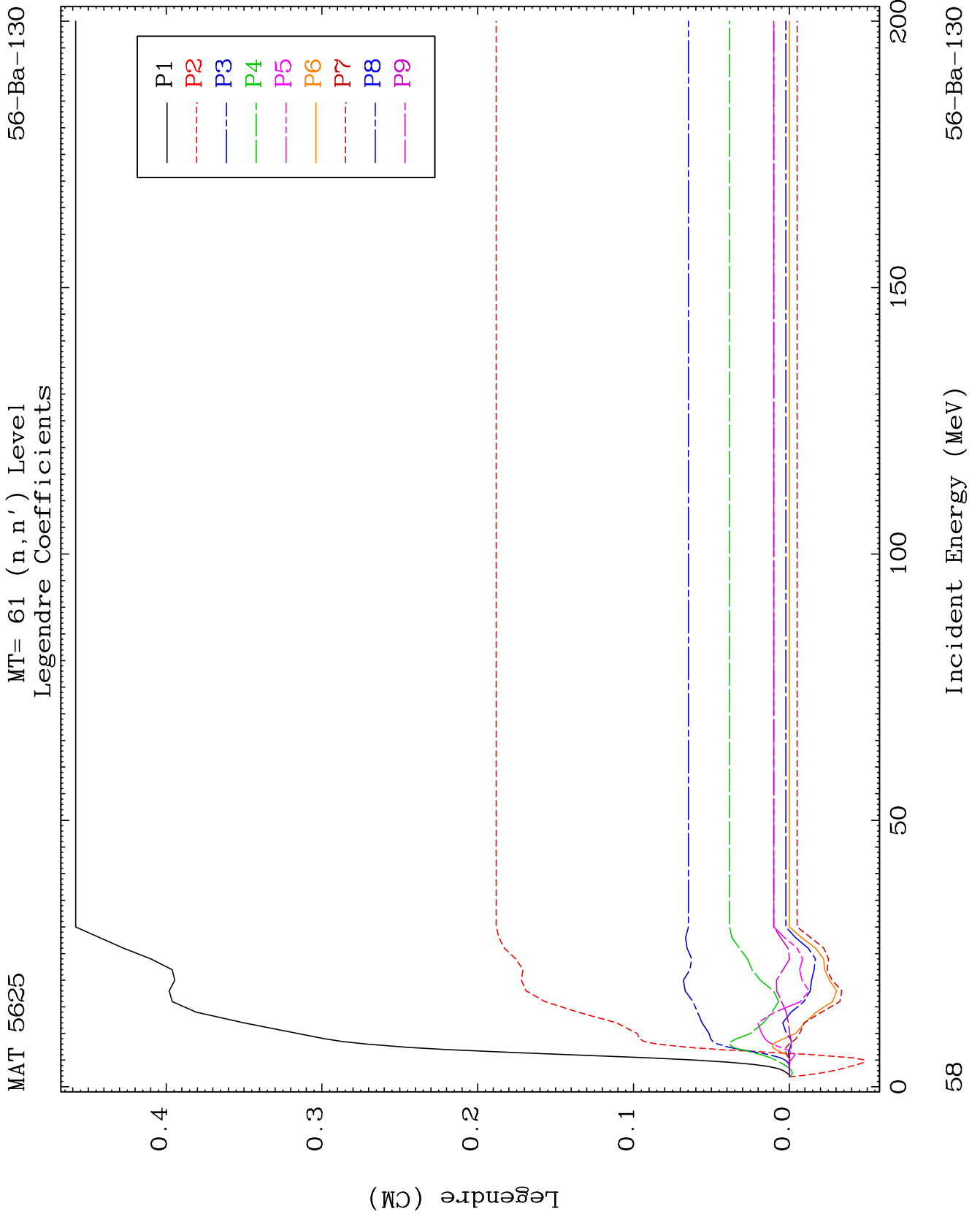
56-Ba-130



57

Incident Energy (MeV)

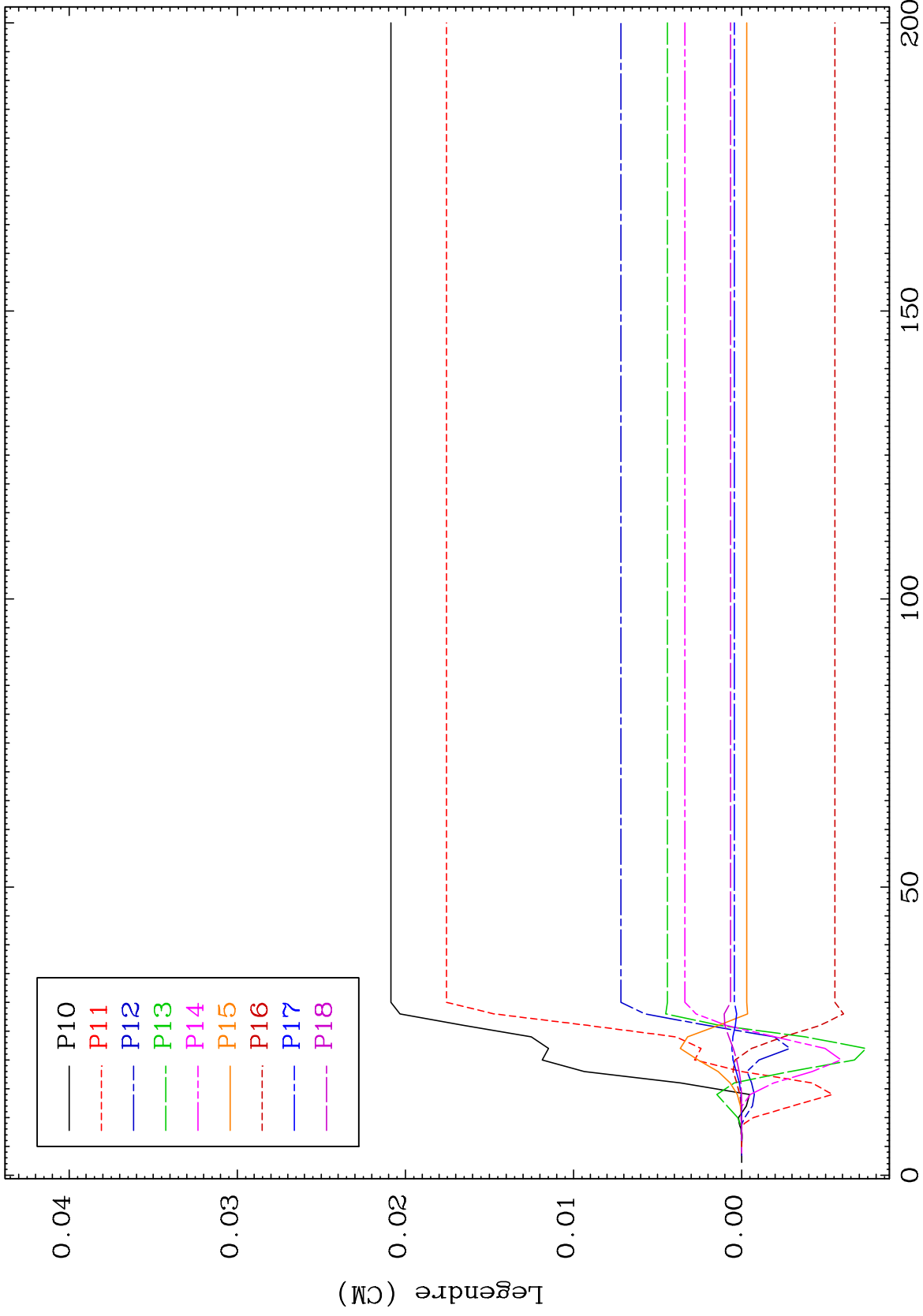
56-Ba-130



MAT 5625

MT= 61 (n,n') Level
Legendre Coefficients

56-Ba-130



59

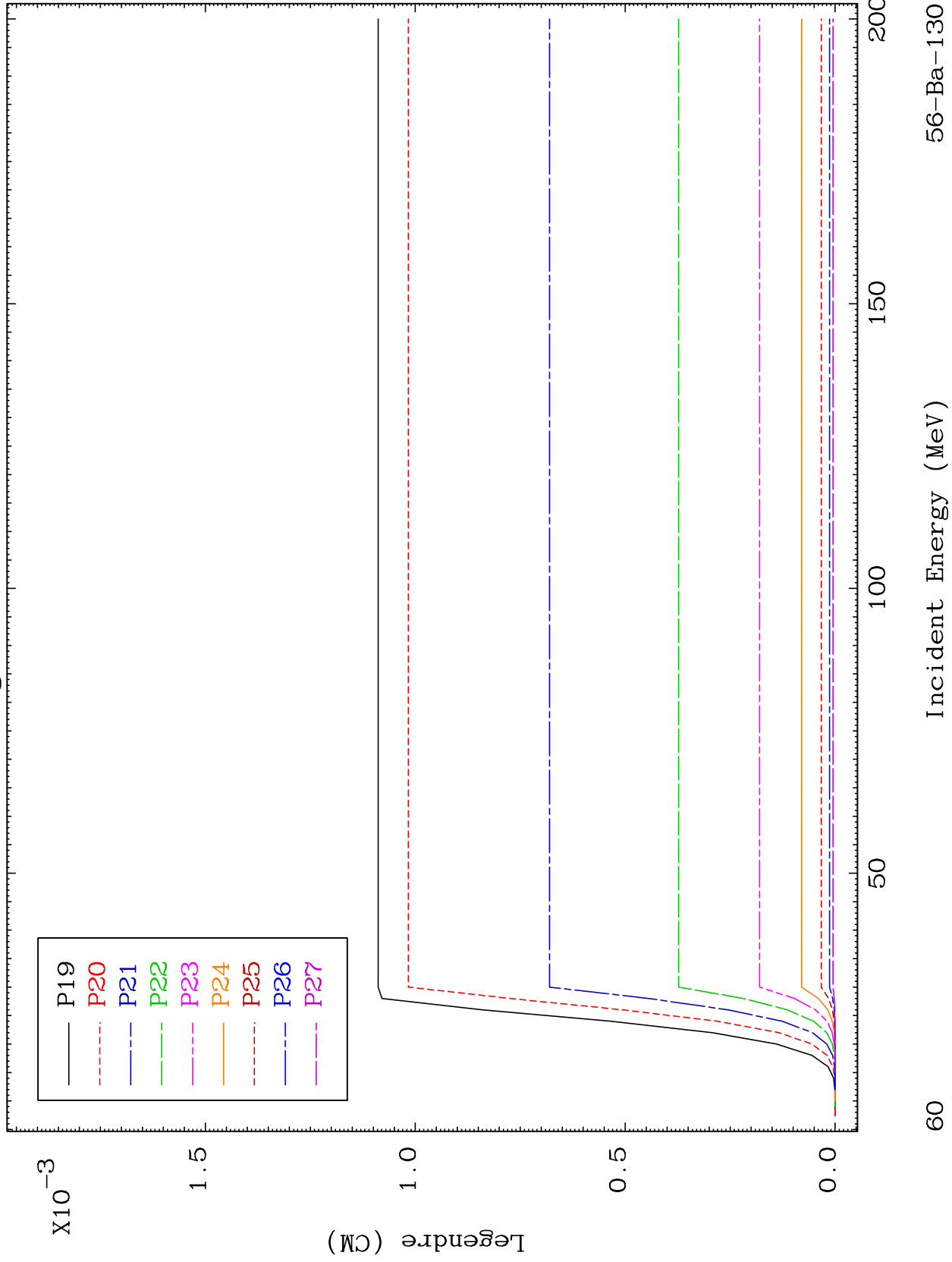
Incident Energy (MeV)

56-Ba-130

MAT 5625

MT= 61 (n,n') Level
Legendre Coefficients

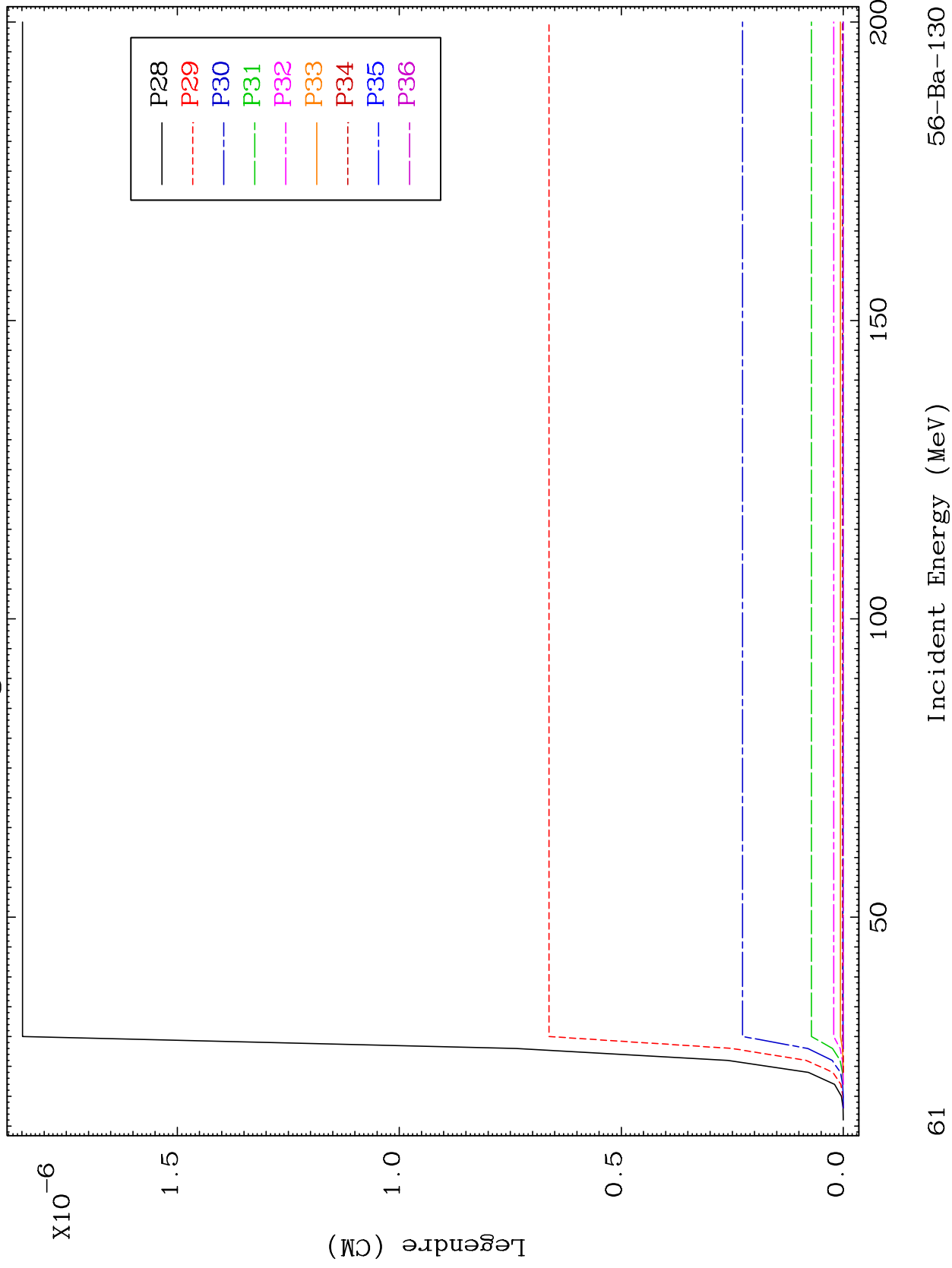
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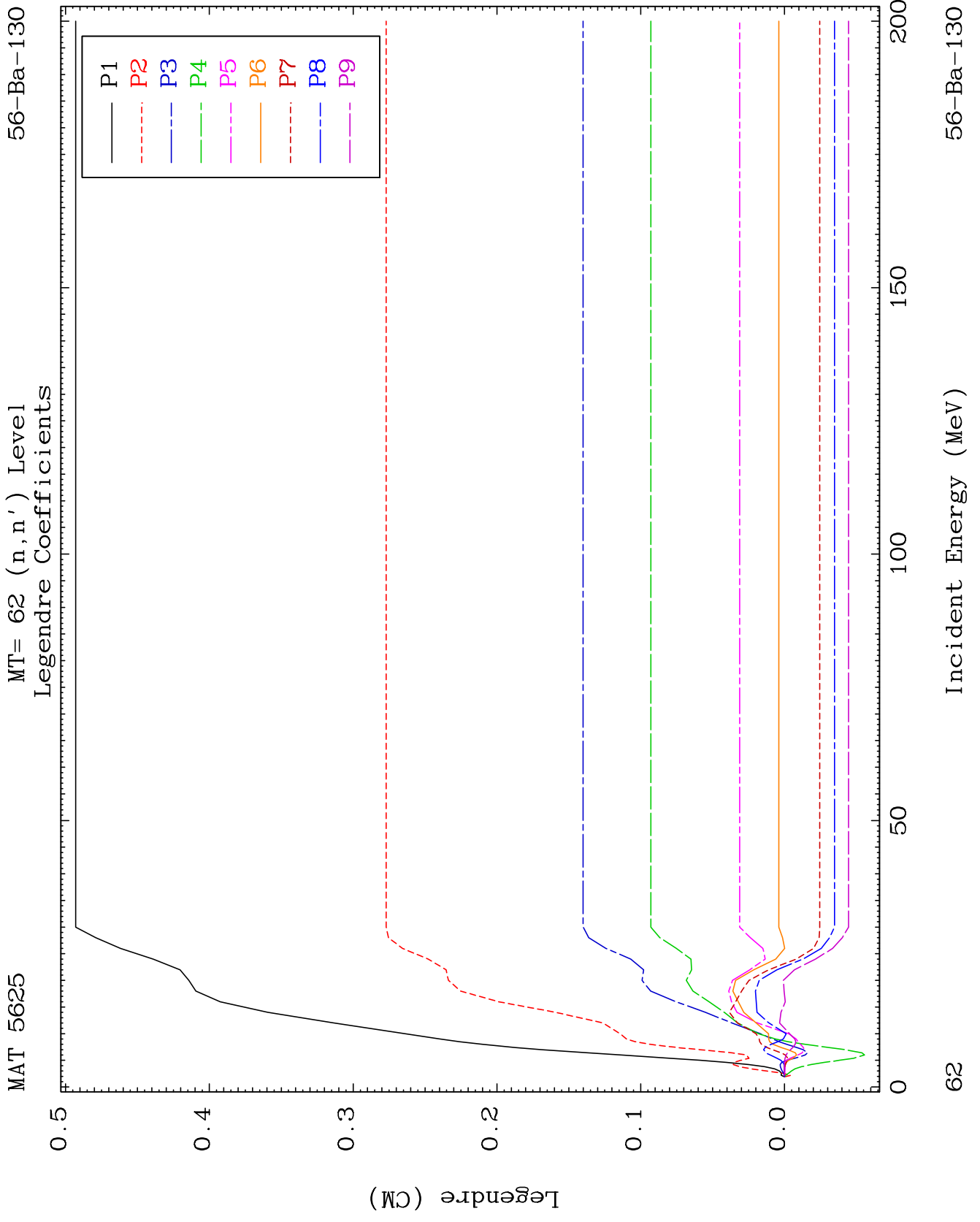


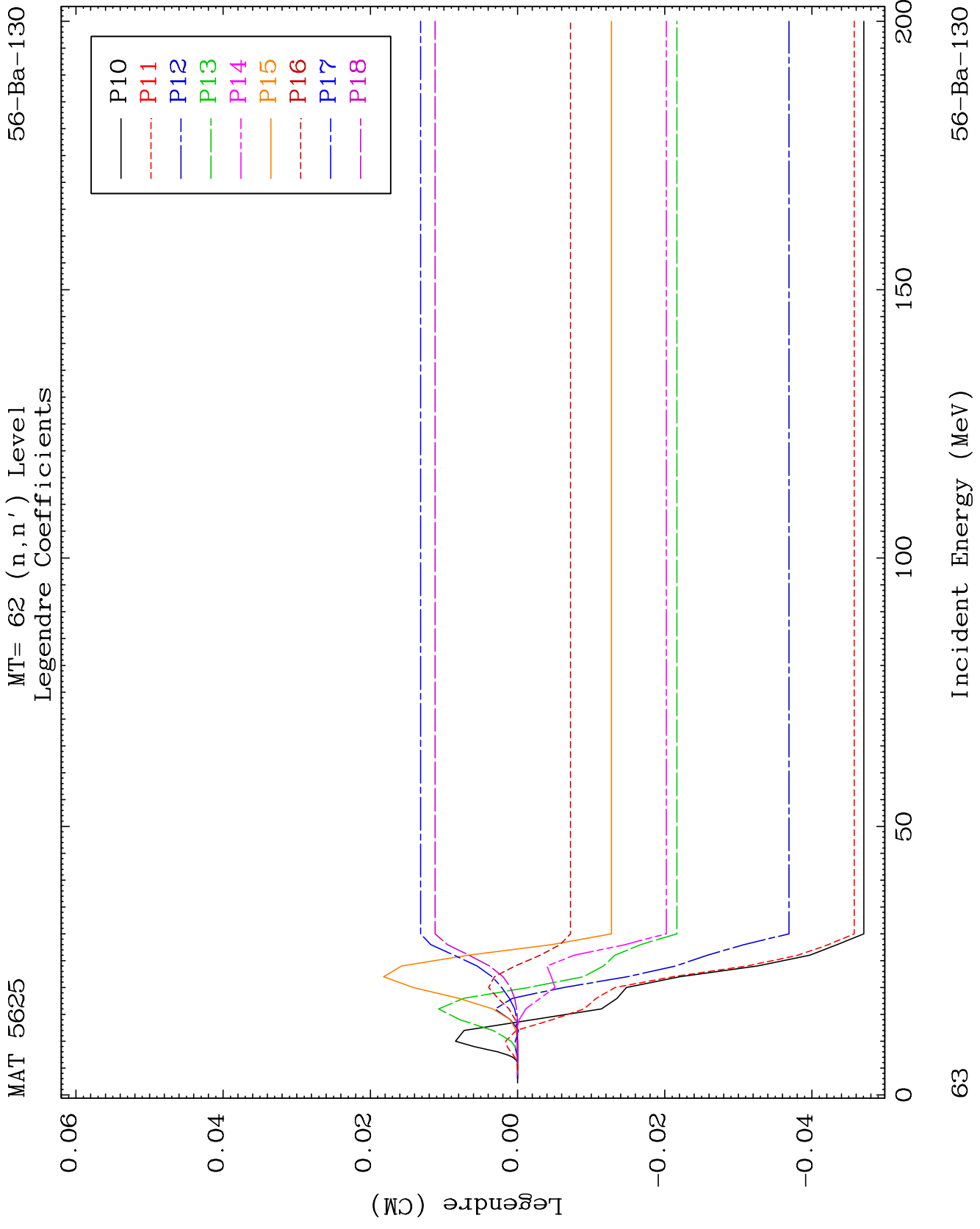
MAT 5625

MT= 61 (n,n') Level
Legendre Coefficients

56-Ba-130



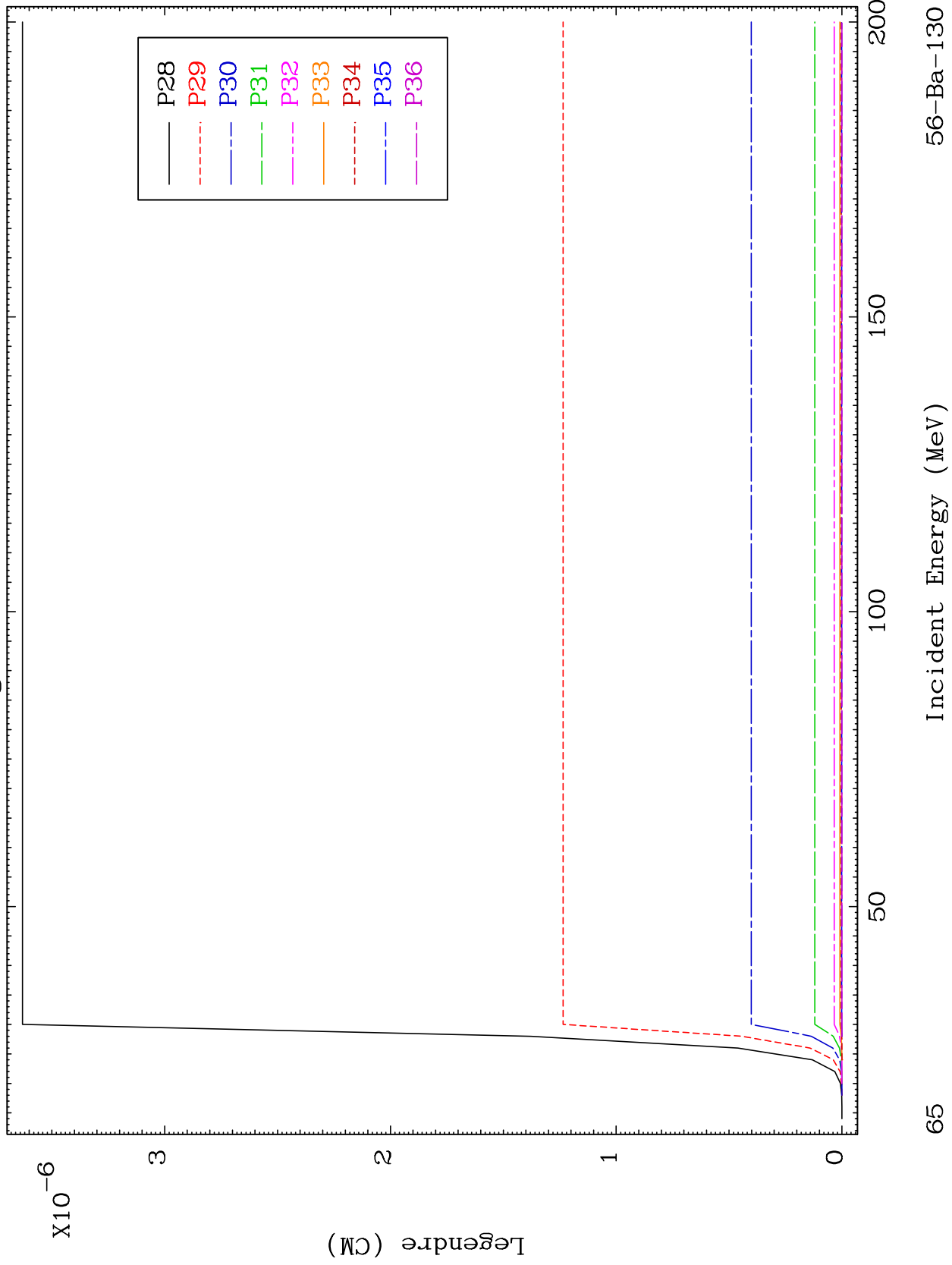




MAT 5625

MT= 62 (n,n') Level
Legendre Coefficients

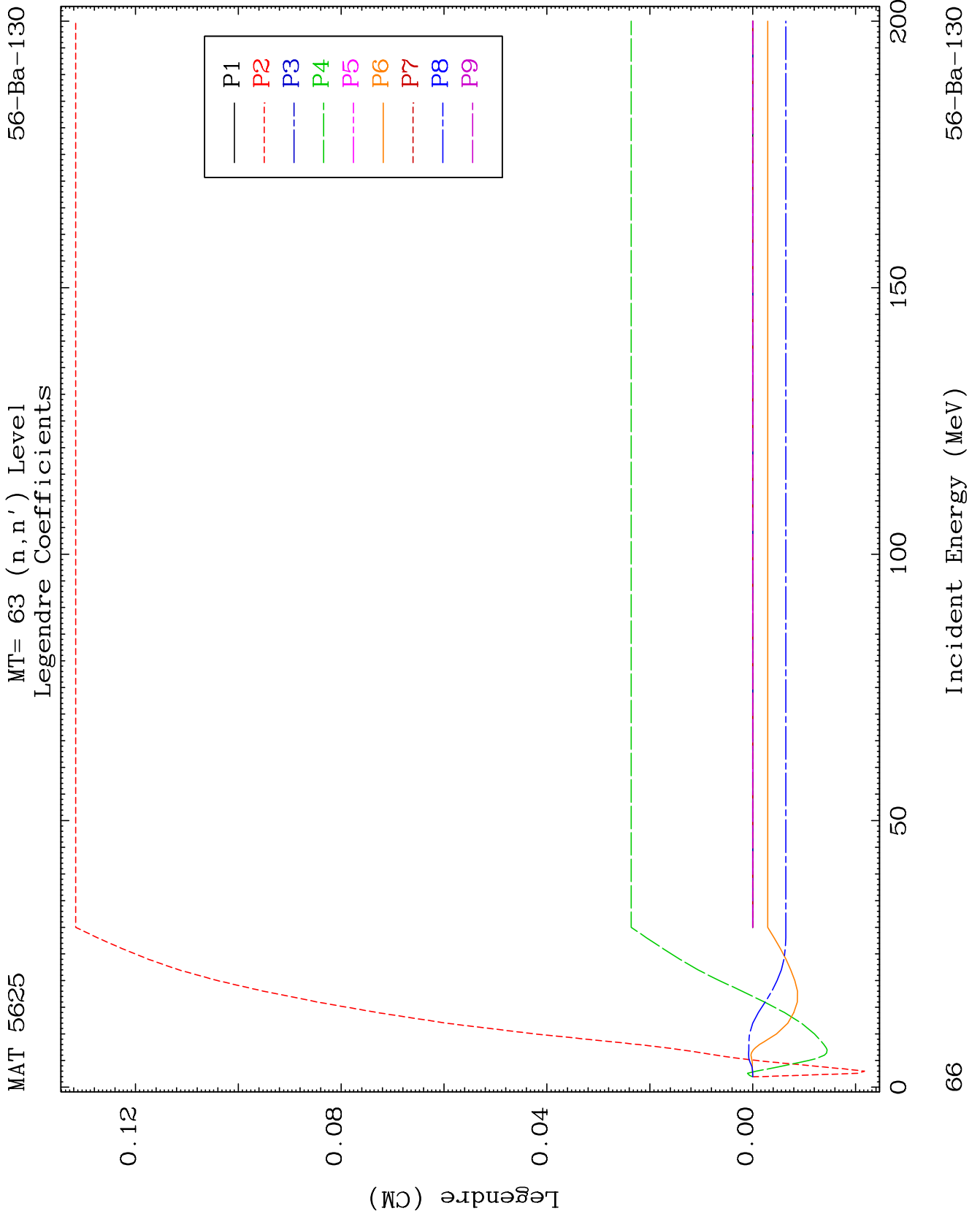
56-Ba-130



65

Incident Energy (MeV)

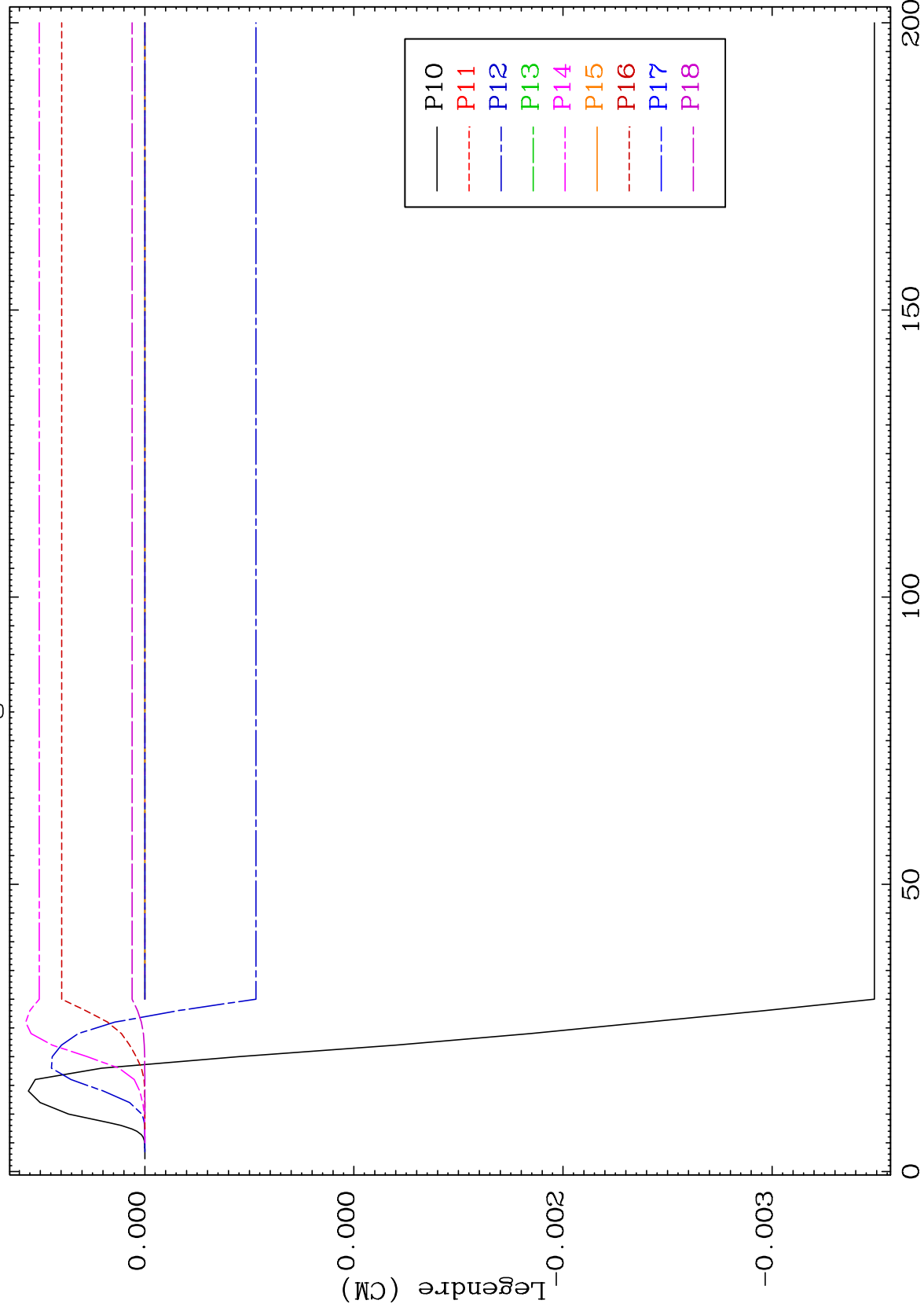
56-Ba-130



MAT 5625

MT= 63 (n,n') Level
Legendre Coefficients

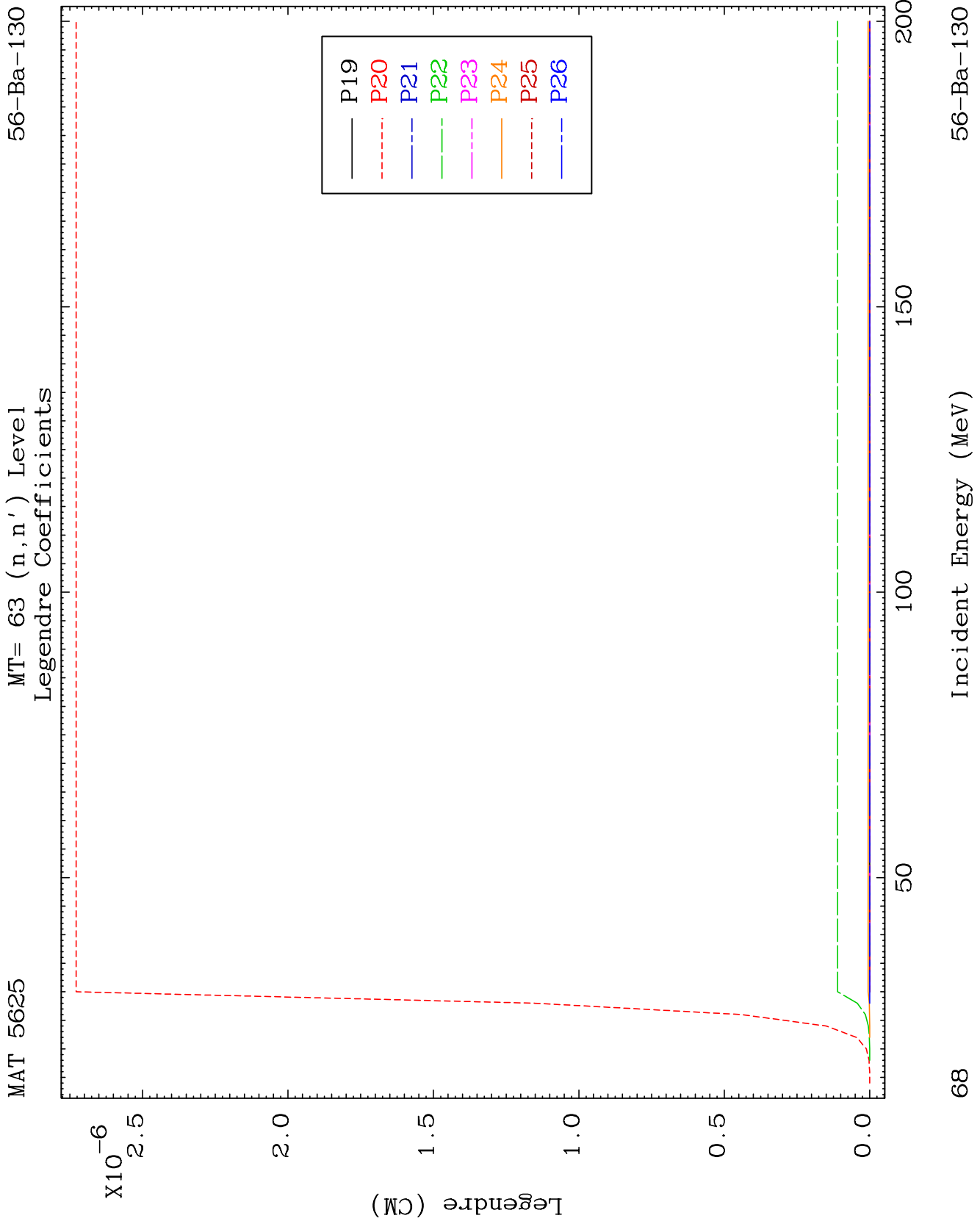
56-Ba-130



67

Incident Energy (MeV)

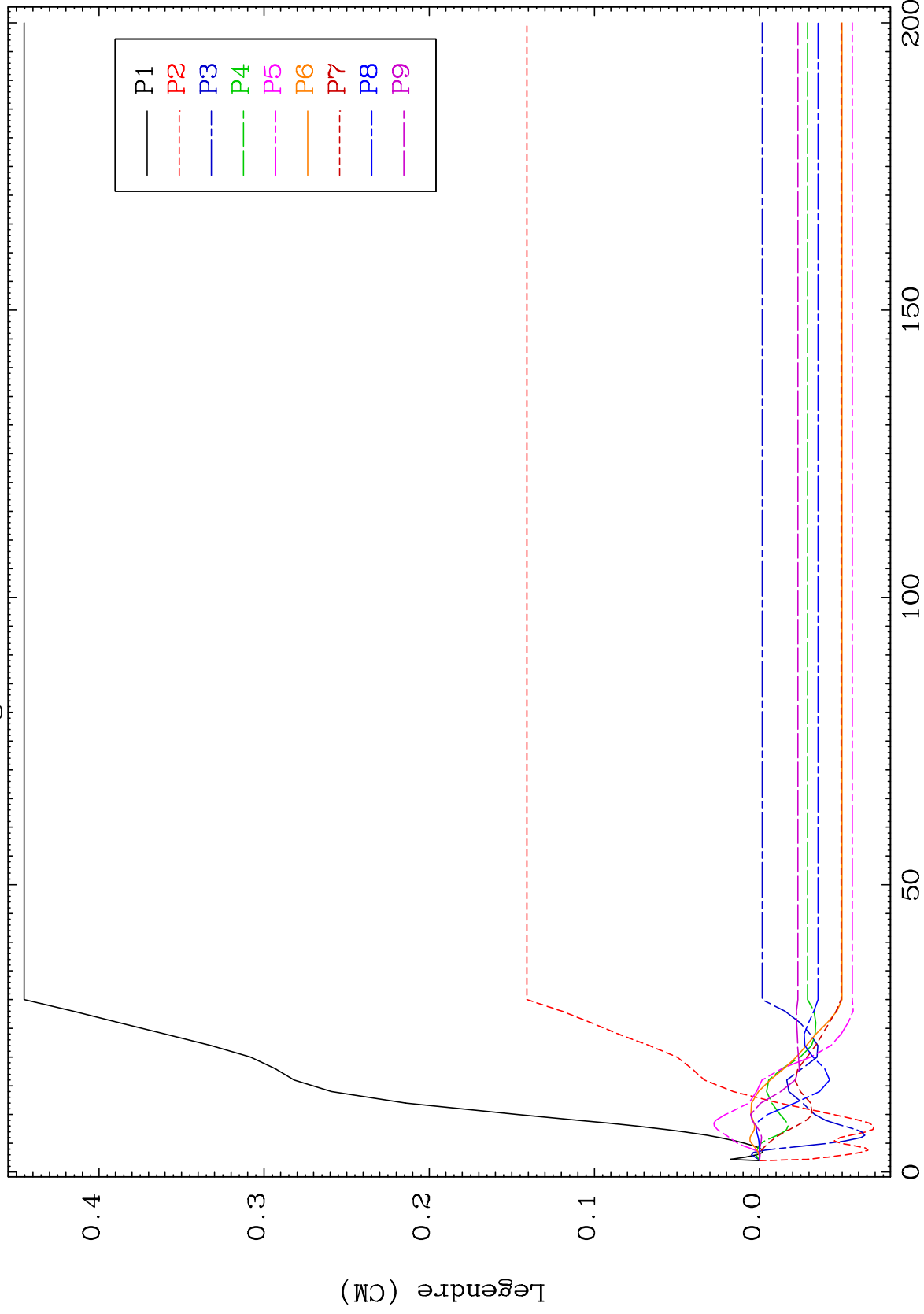
56-Ba-130



MAT 5625

MT= 64 (n,n') Level
Legendre Coefficients

56-Ba-130



69

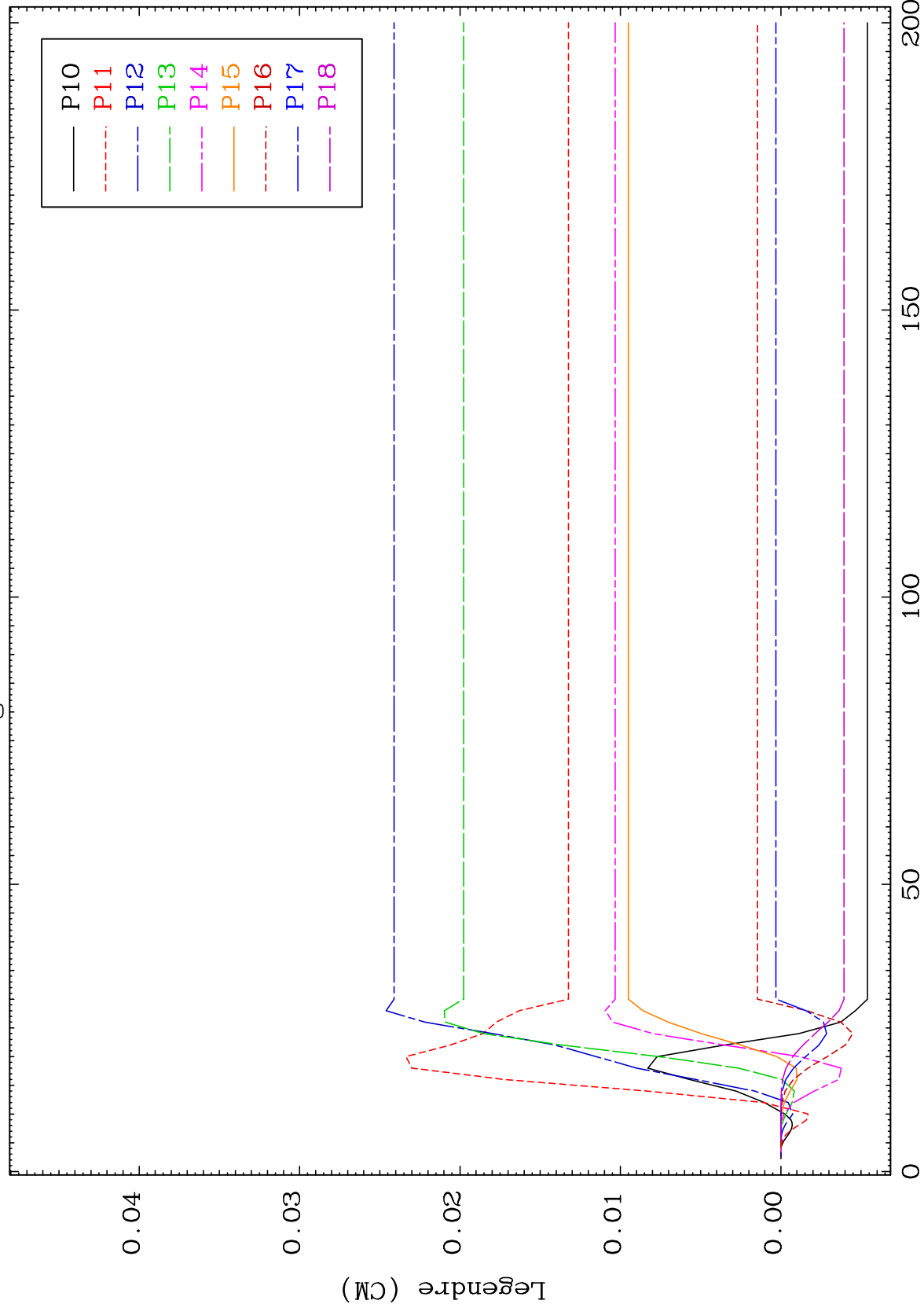
Incident Energy (MeV)

56-Ba-130

MAT 5625

MT= 64 (n,n') Level
Legendre Coefficients

56-Ba-130



70

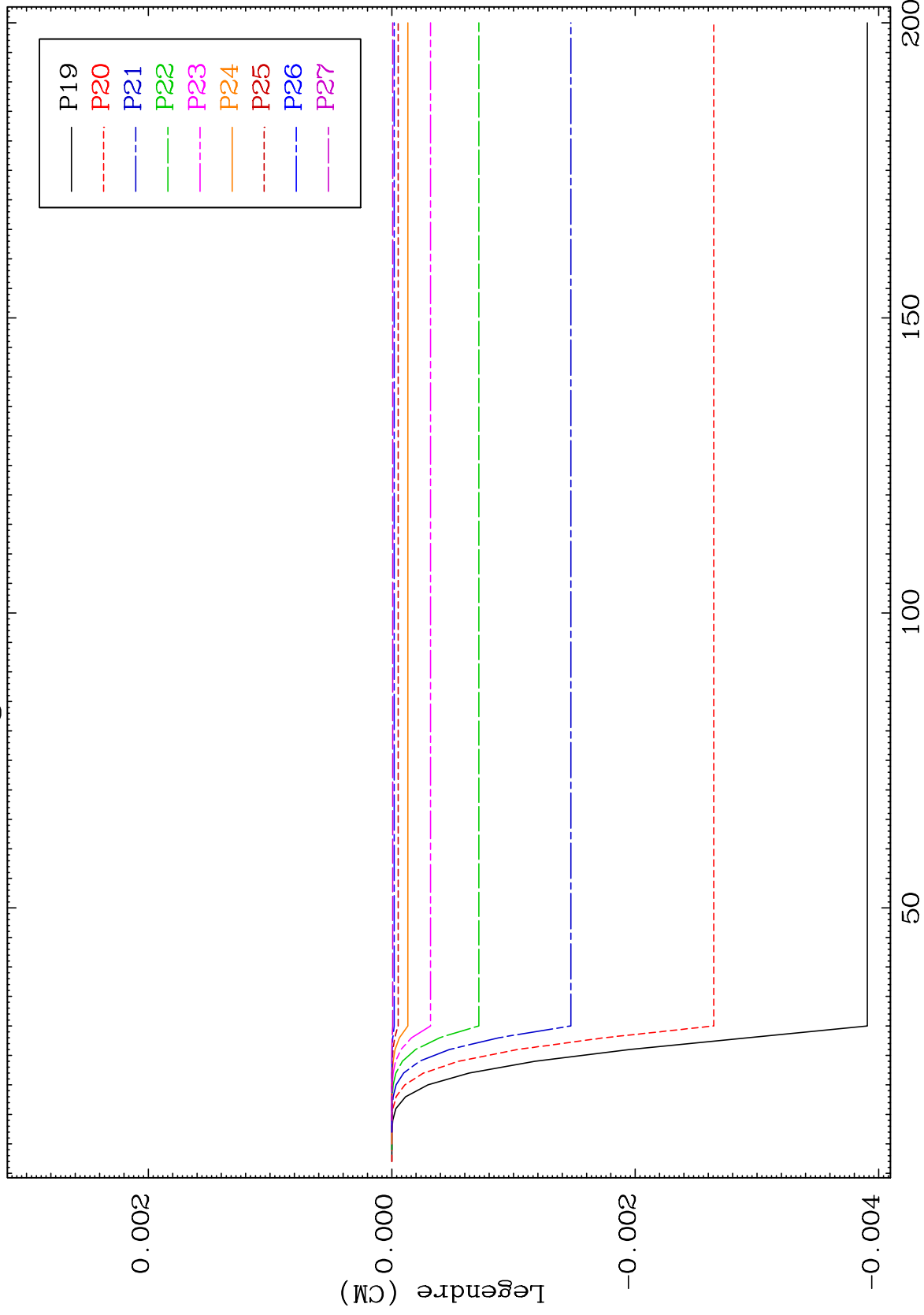
Incident Energy (MeV)

56-Ba-130

MAT 5625

MT= 64 (n,n') Level
Legendre Coefficients

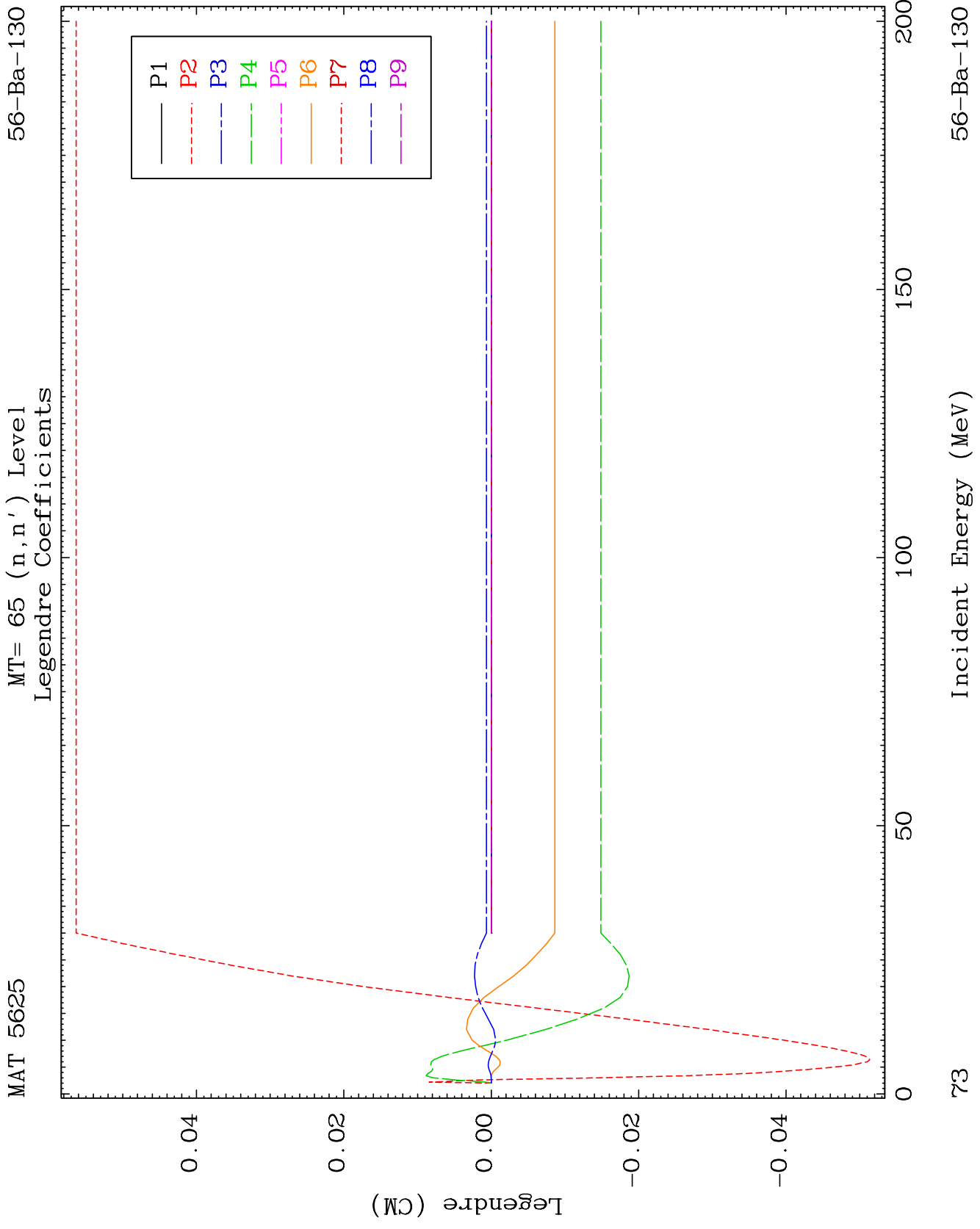
56-Ba-130



71

Incident Energy (MeV)

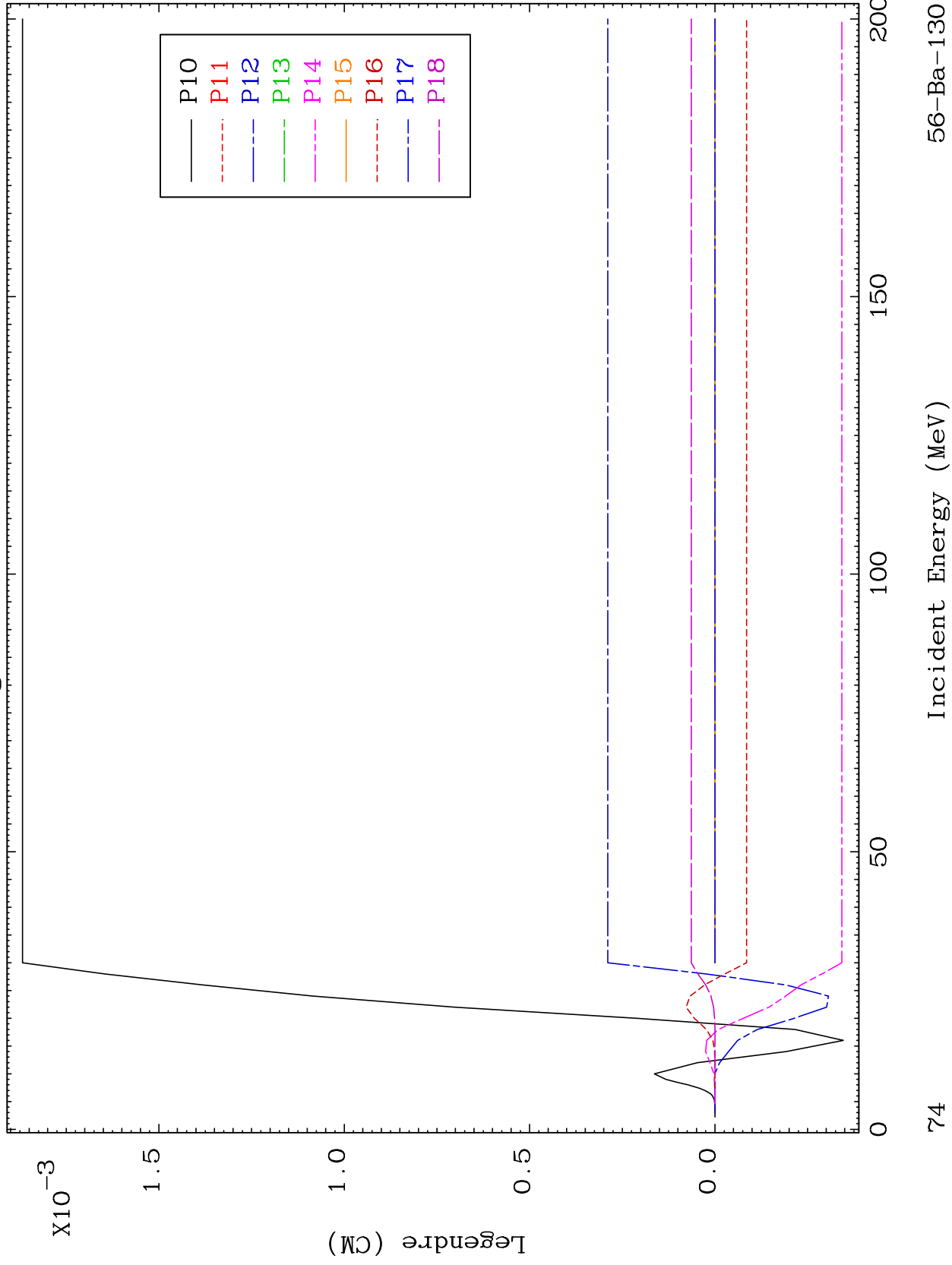
56-Ba-130



MAT 5625

MT= 65 (n,n') Level
Legendre Coefficients

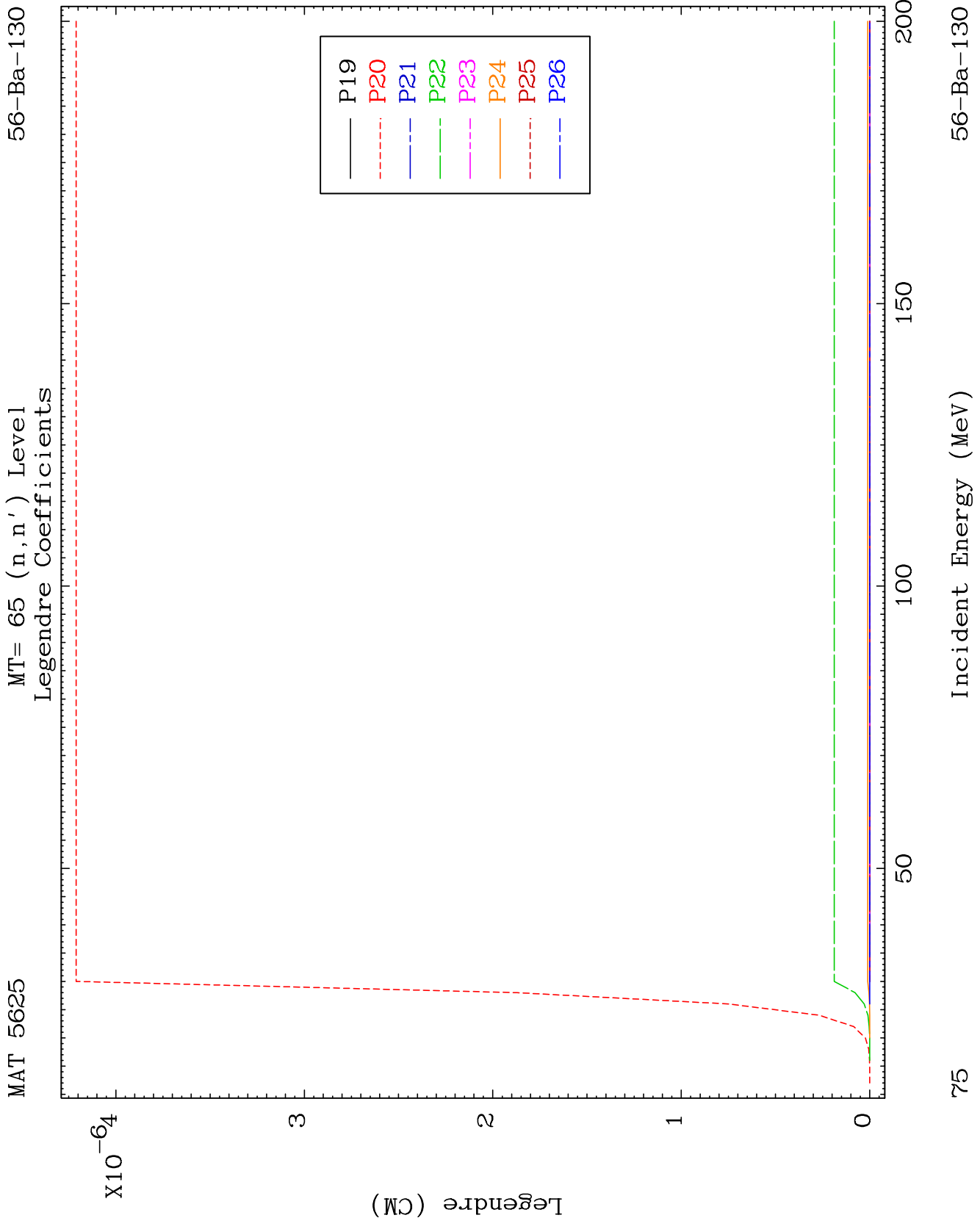
56-Ba-130



74

Incident Energy (MeV)

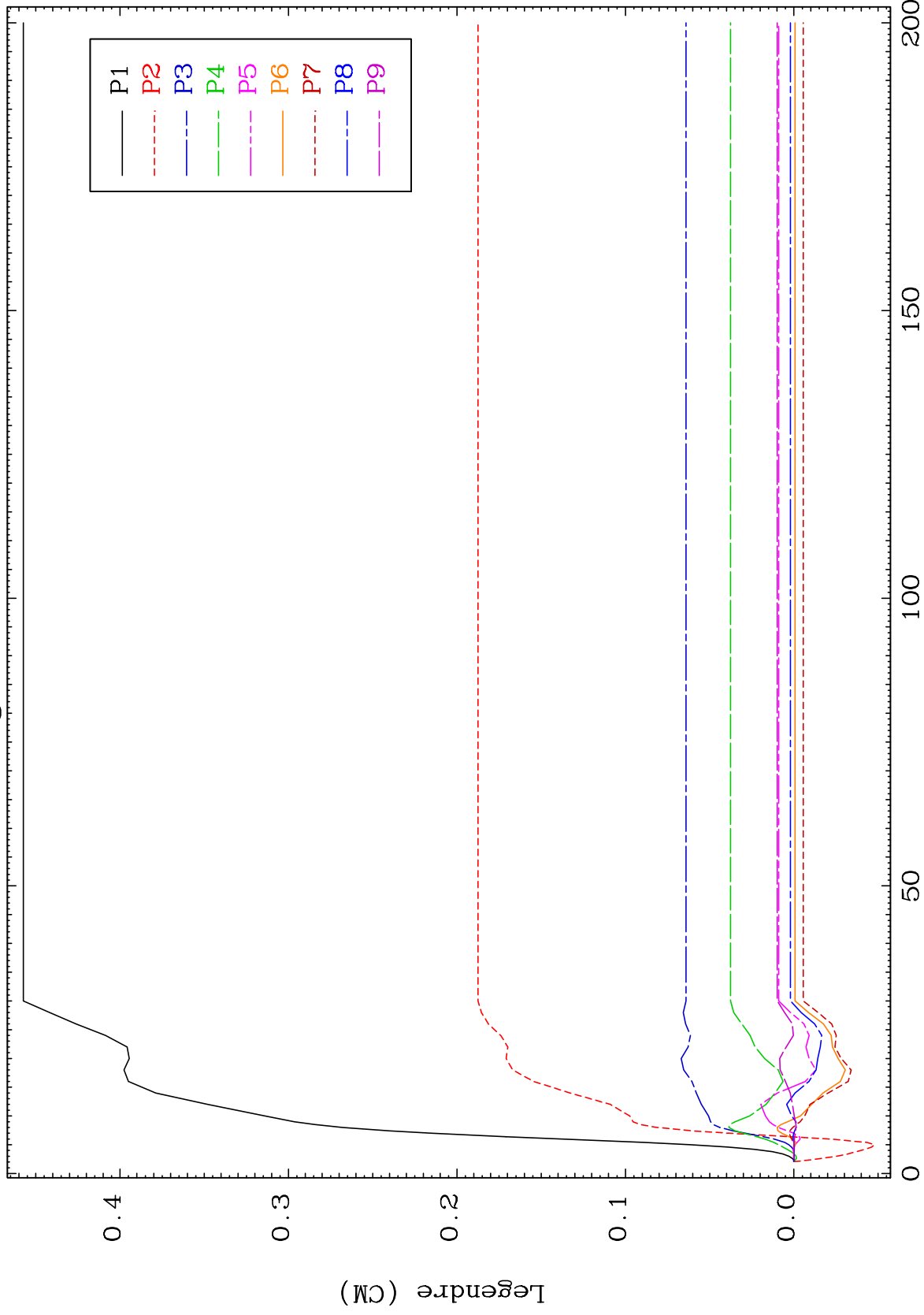
56-Ba-130



MAT 5625

MT= 66 (n,n') Level
Legendre Coefficients

56-Ba-130



76

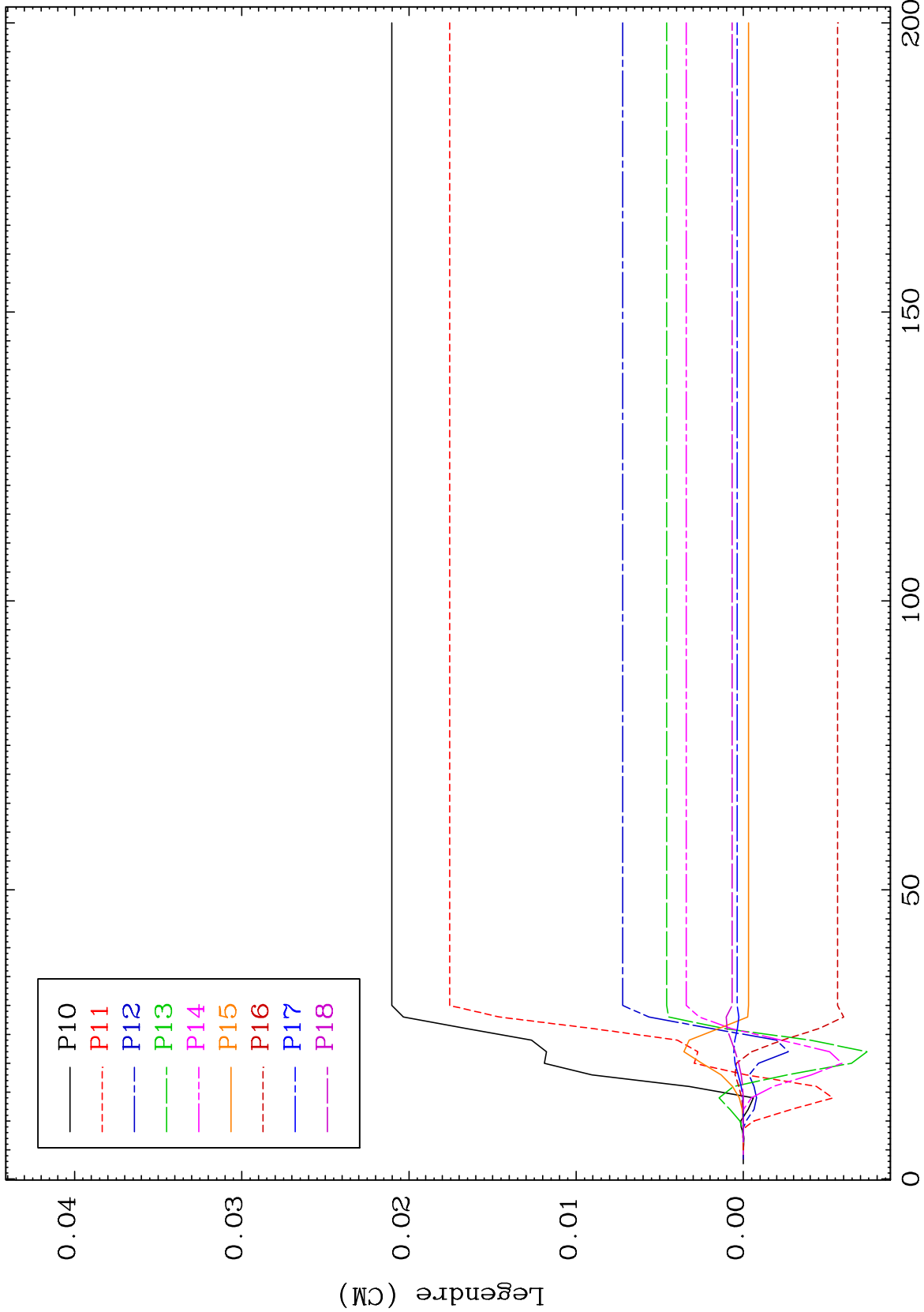
Incident Energy (MeV)

56-Ba-130

MAT 5625

MT= 66 (n,n') Level
Legendre Coefficients

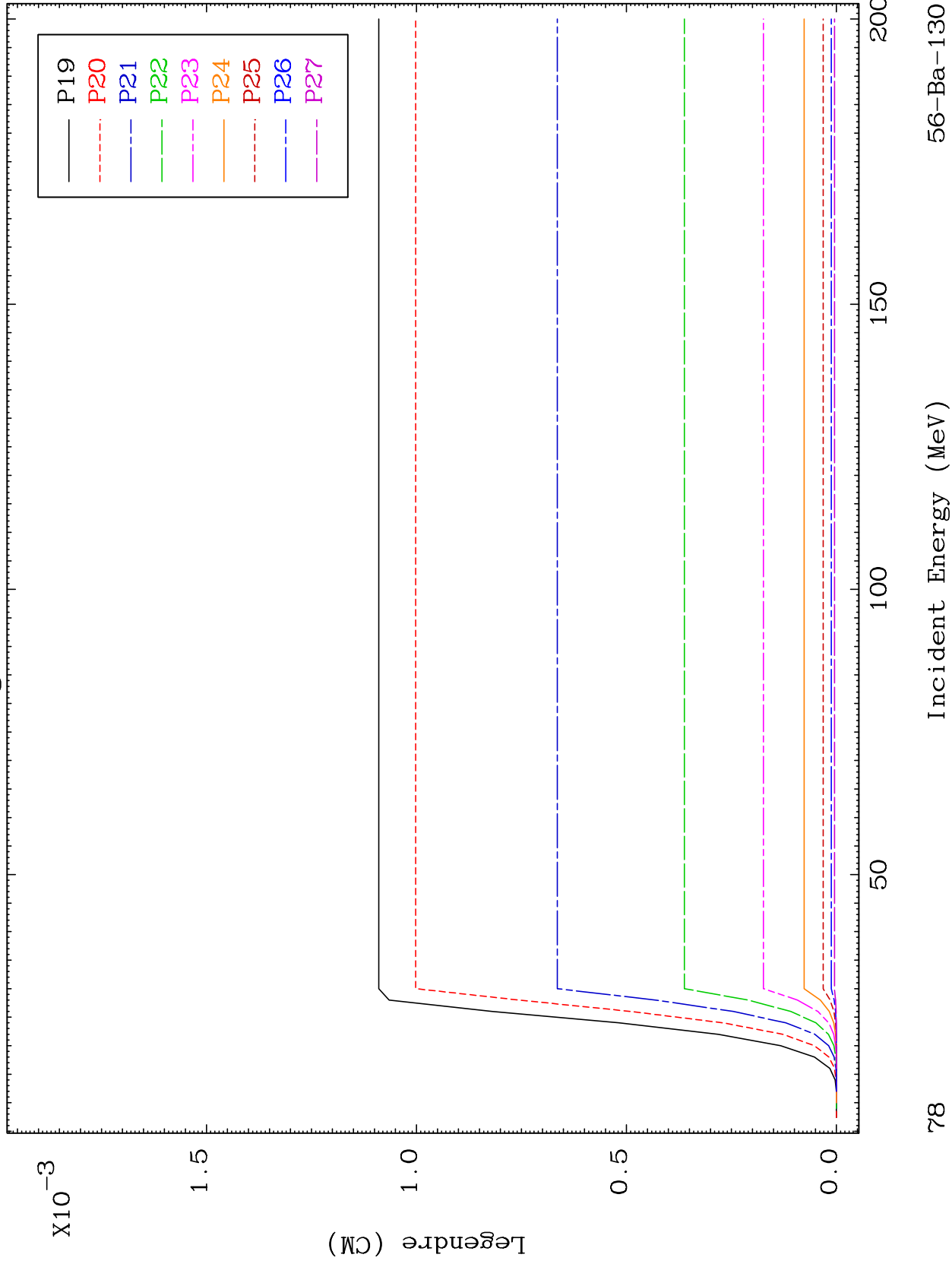
56-Ba-130



MAT 5625

MT= 66 (n,n') Level
Legendre Coefficients

56-Ba-130



78

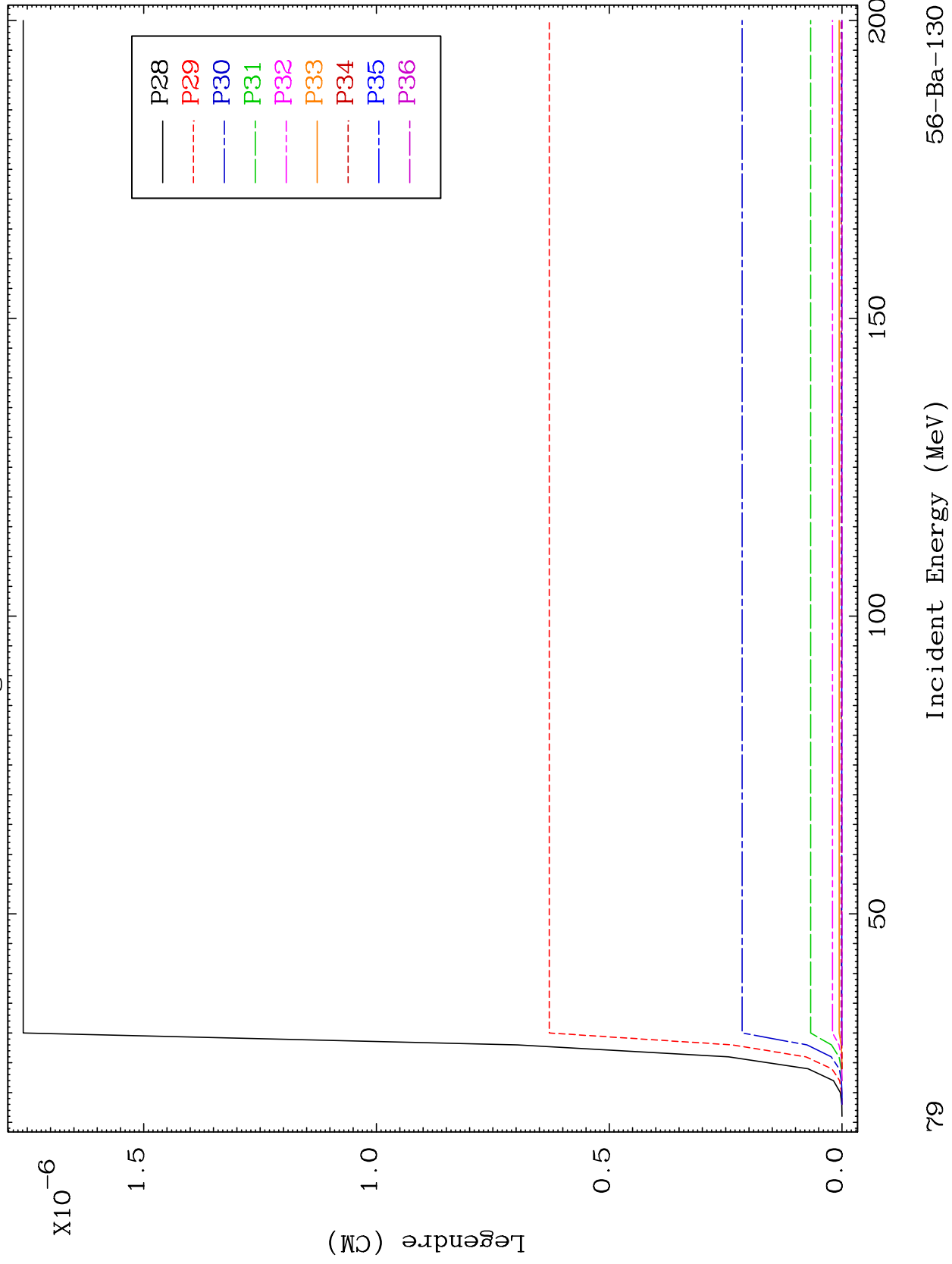
Incident Energy (MeV)

56-Ba-130

MAT 5625

MT= 66 (n,n') Level
Legendre Coefficients

56-Ba-130



79

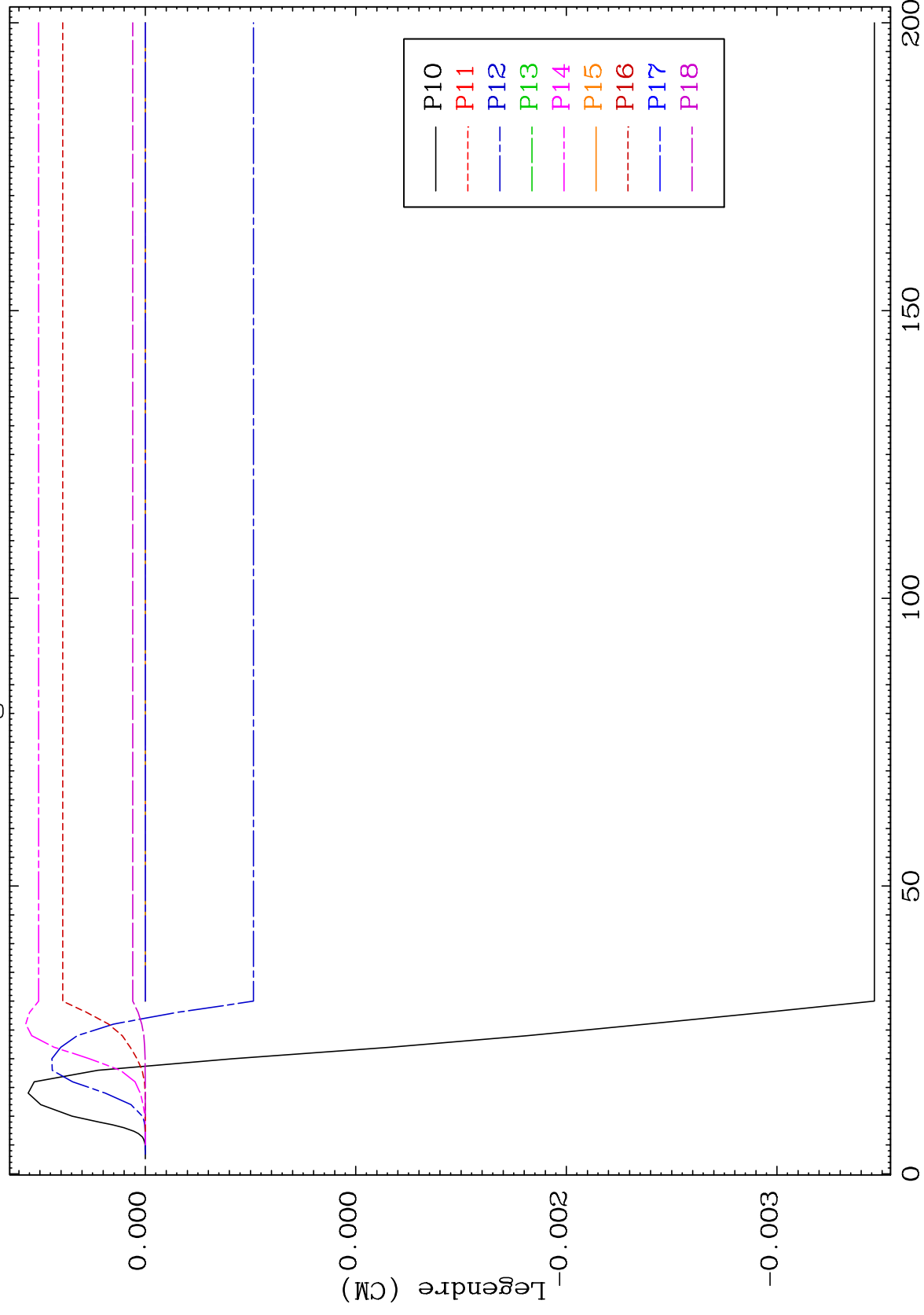
Incident Energy (MeV)

56-Ba-130

MAT 5625

MT= 67 (n,n') Level
Legendre Coefficients

56-Ba-130



81

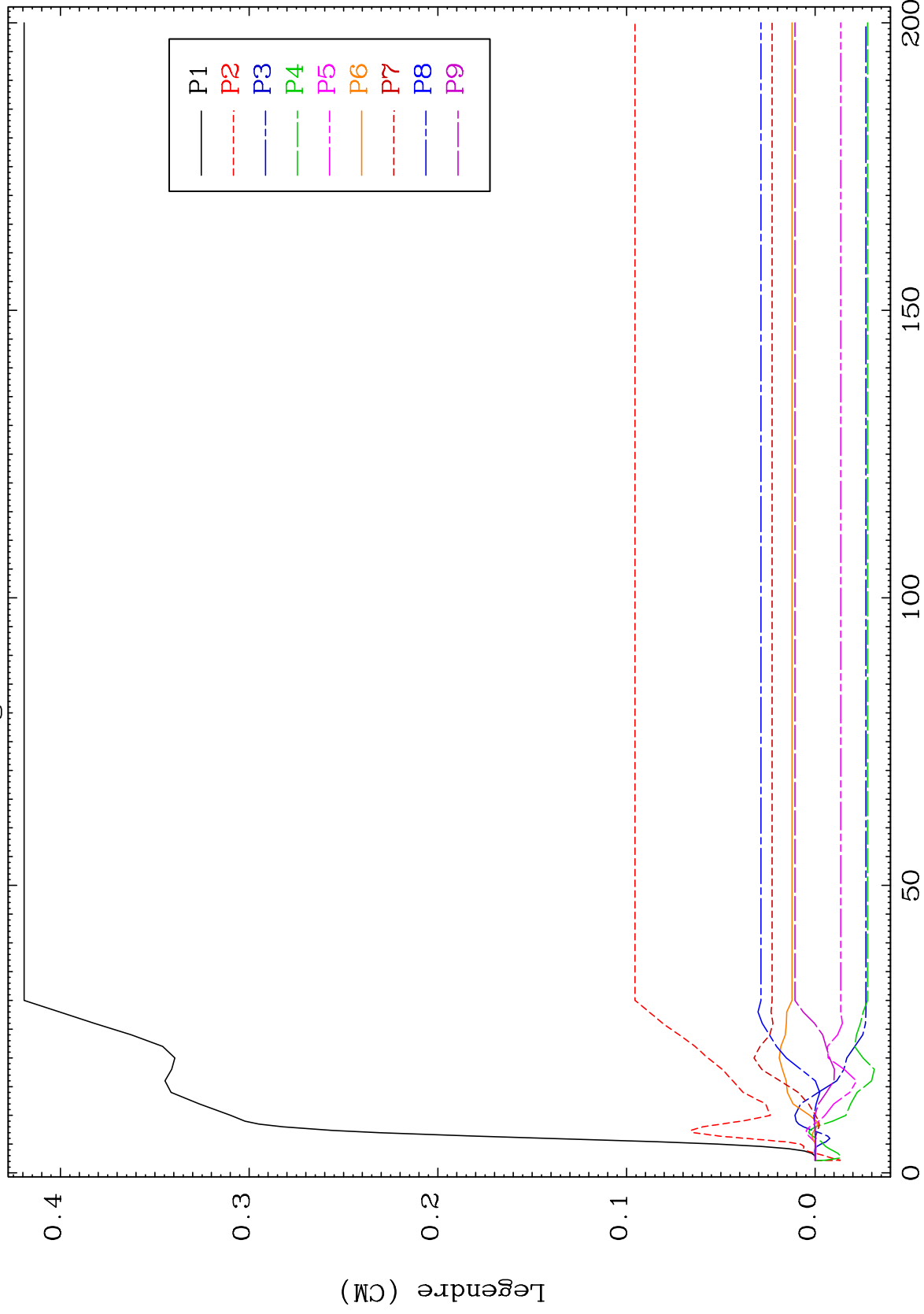
Incident Energy (MeV)

56-Ba-130

MAT 5625

MT= 68 (n,n') Level
Legendre Coefficients

56-Ba-130



83

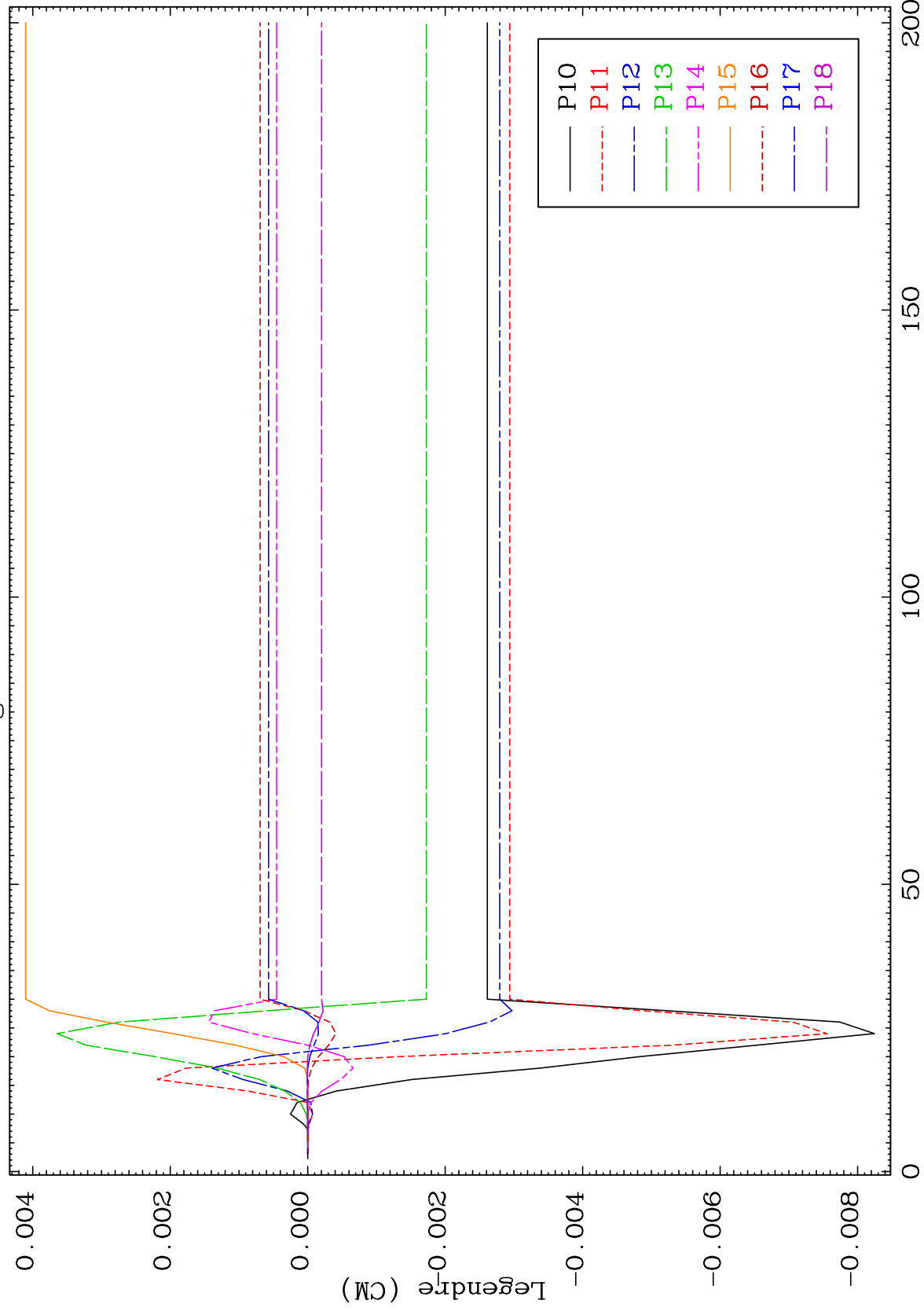
Incident Energy (MeV)

56-Ba-130

MAT 5625

MT= 68 (n,n') Level
Legendre Coefficients

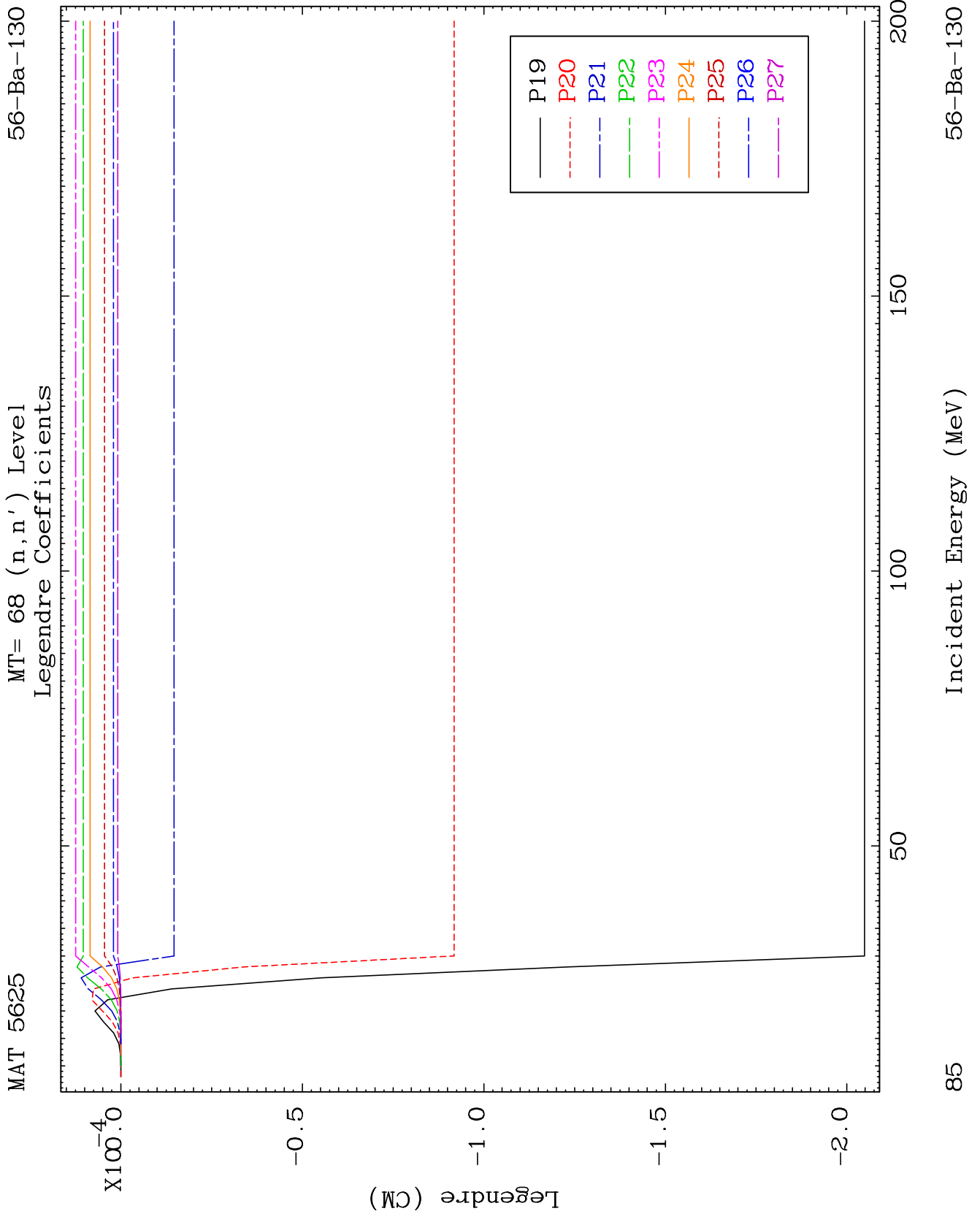
56-Ba-130



84

Incident Energy (MeV)

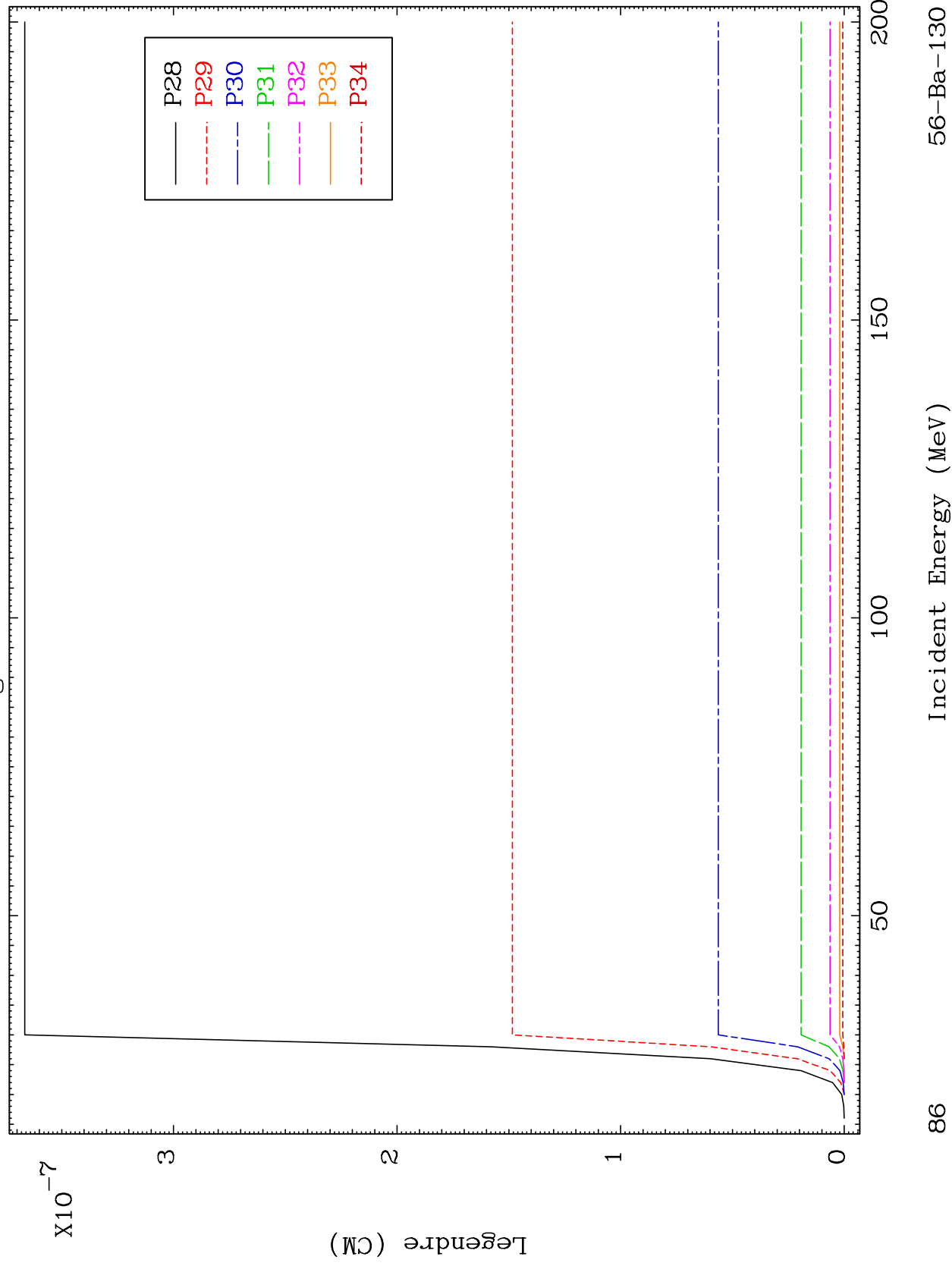
56-Ba-130



MAT 5625

MT= 68 (n,n') Level
Legendre Coefficients

56-Ba-130



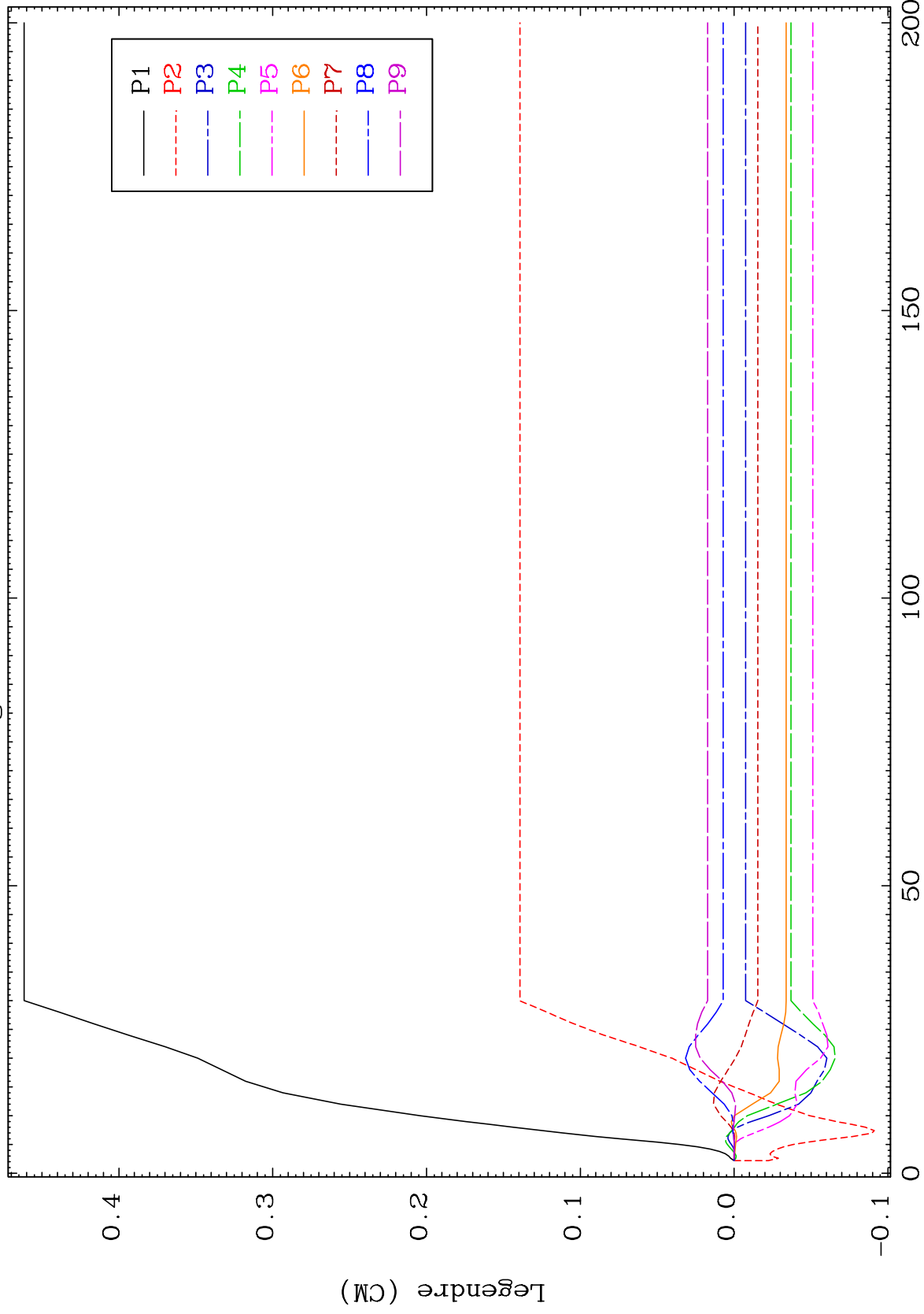
86

56-Ba-130

MAT 5625

MT= 69 (n,n') Level
Legendre Coefficients

56-Ba-130



87

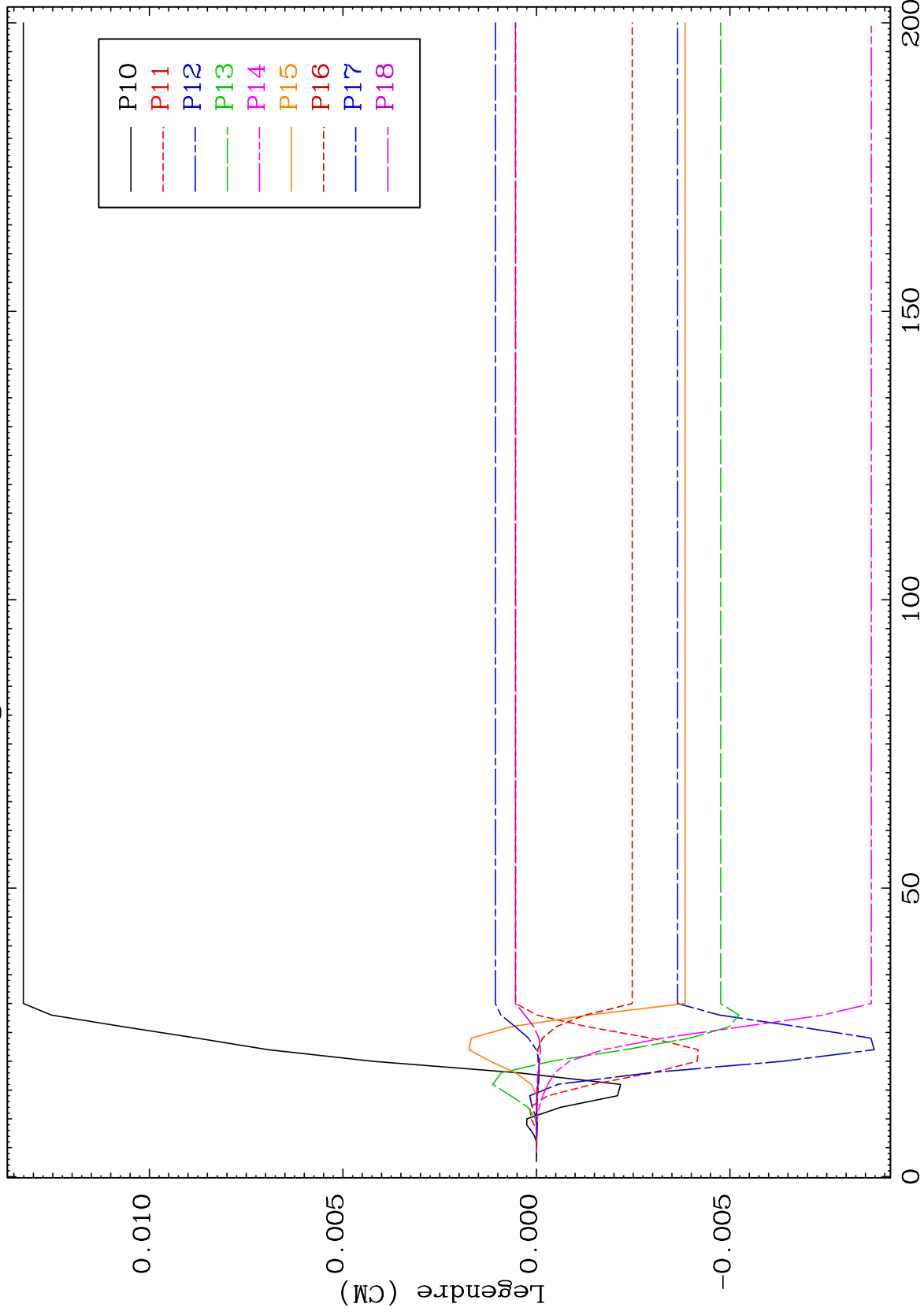
Incident Energy (MeV)

56-Ba-130

MAT 5625

MT= 69 (n,n') Level
Legendre Coefficients

56-Ba-130



88

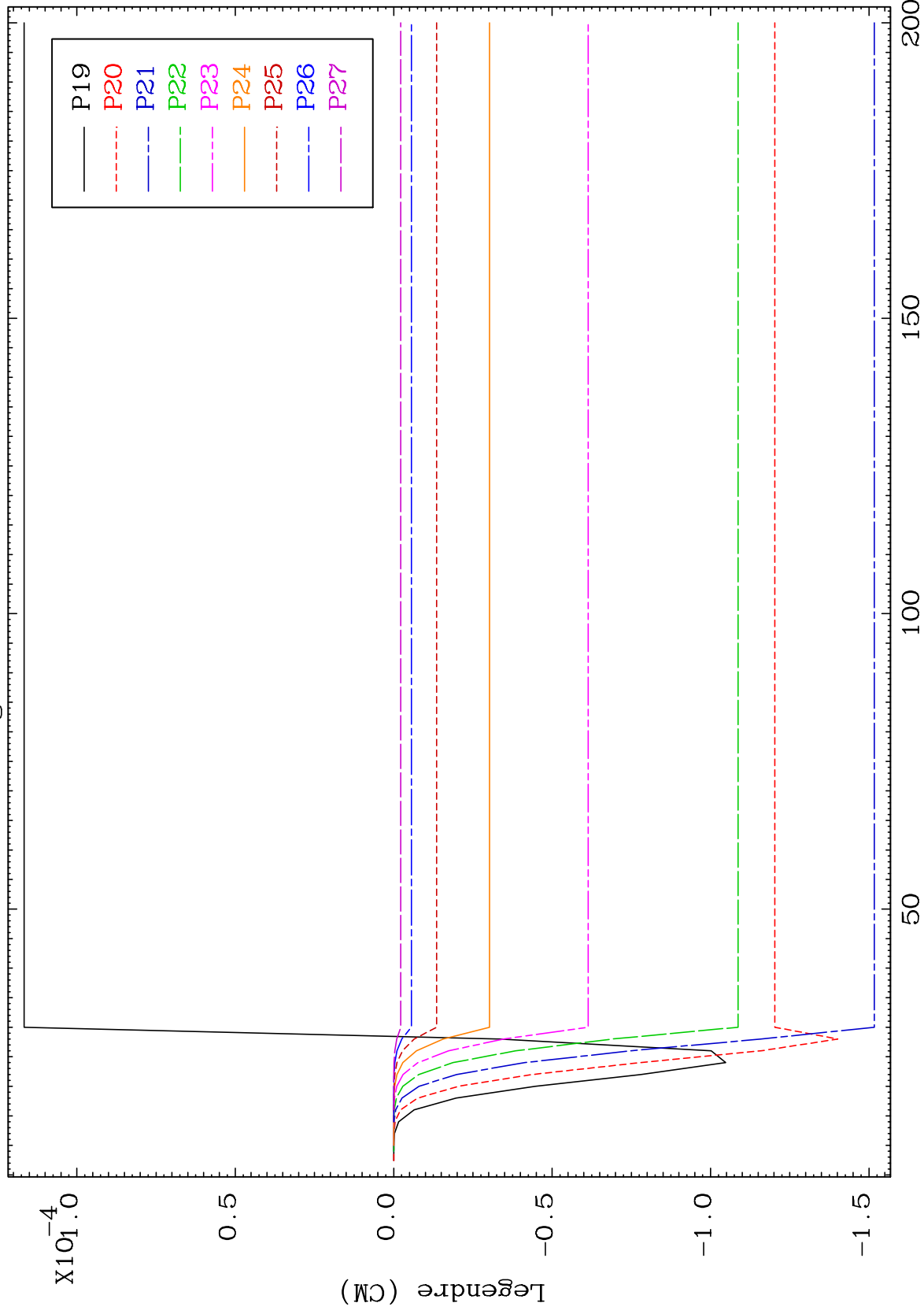
Incident Energy (MeV)

56-Ba-130

MAT 5625

MT= 69 (n,n') Level
Legendre Coefficients

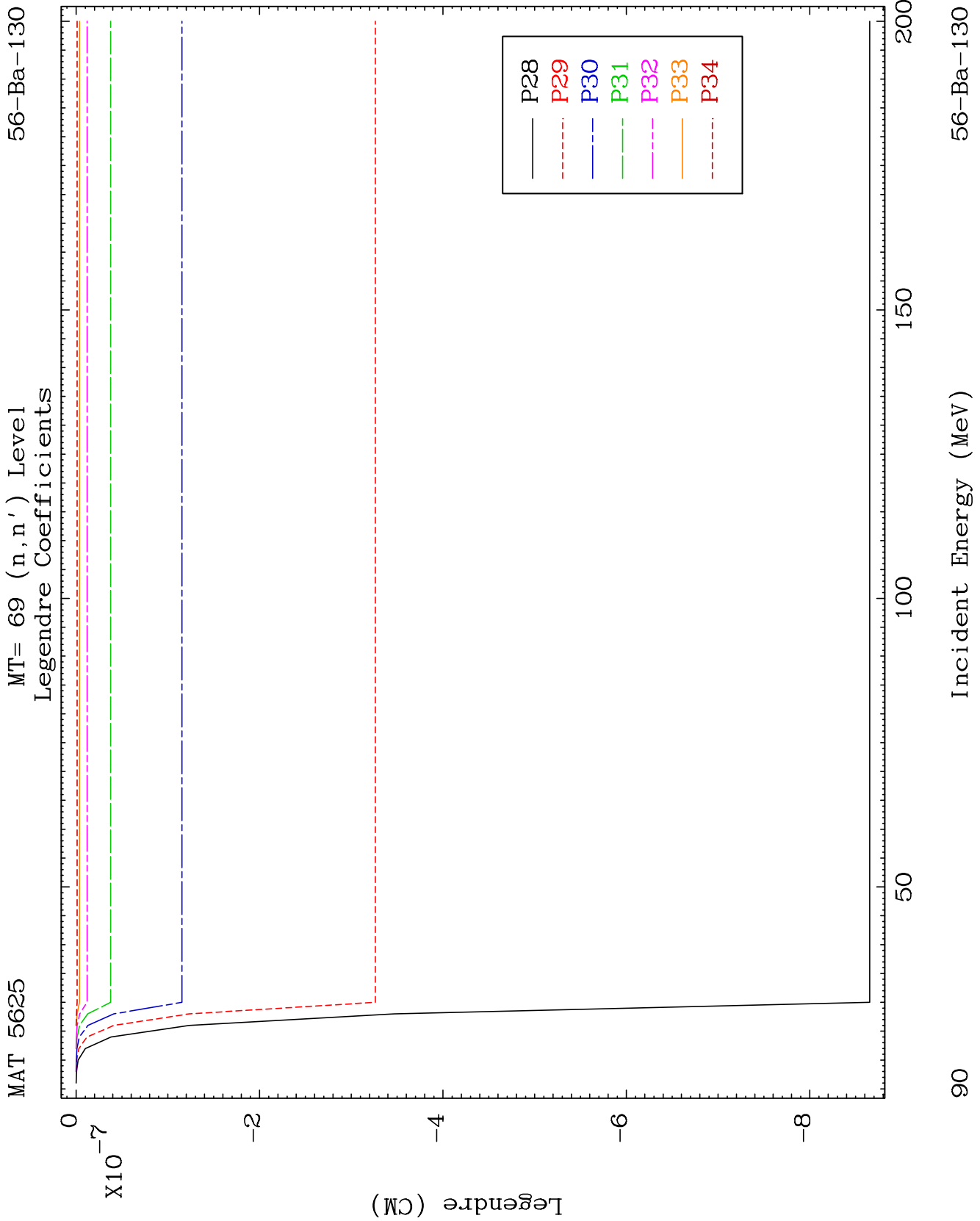
56-Ba-130



89

Incident Energy (MeV)

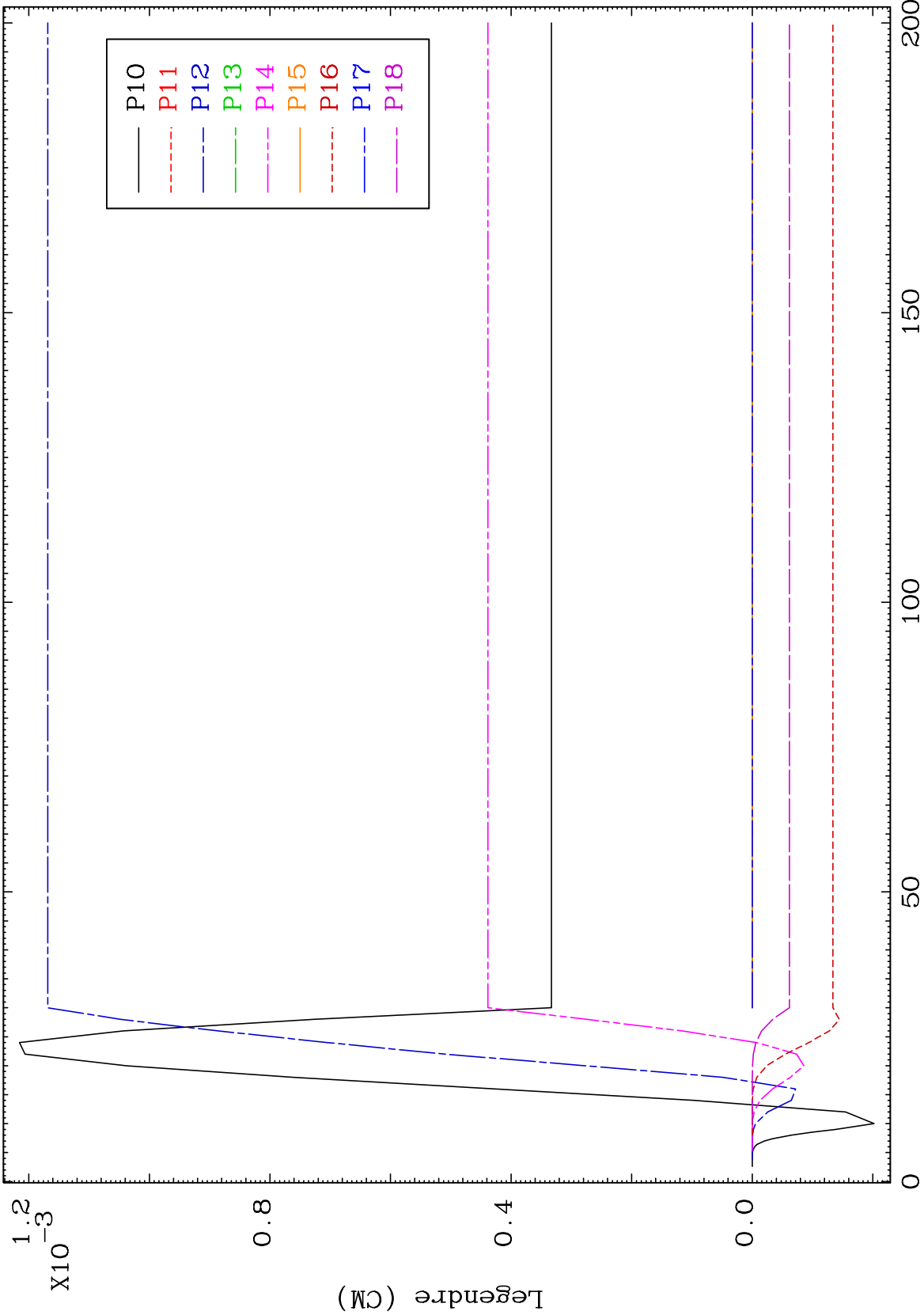
56-Ba-130



MAT 5625

MT= 70 (n,n') Level
Legendre Coefficients

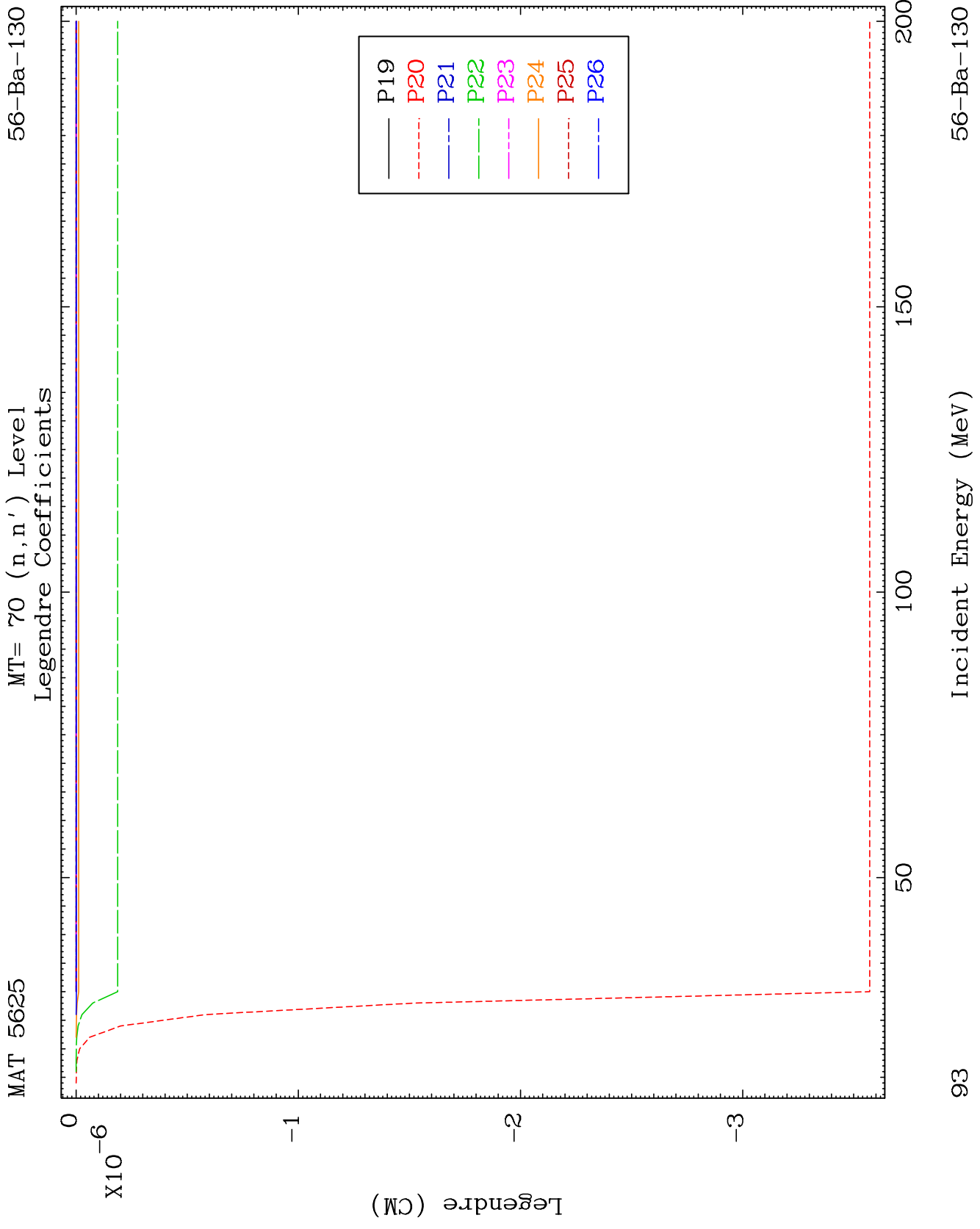
56-Ba-130



92

Incident Energy (MeV)

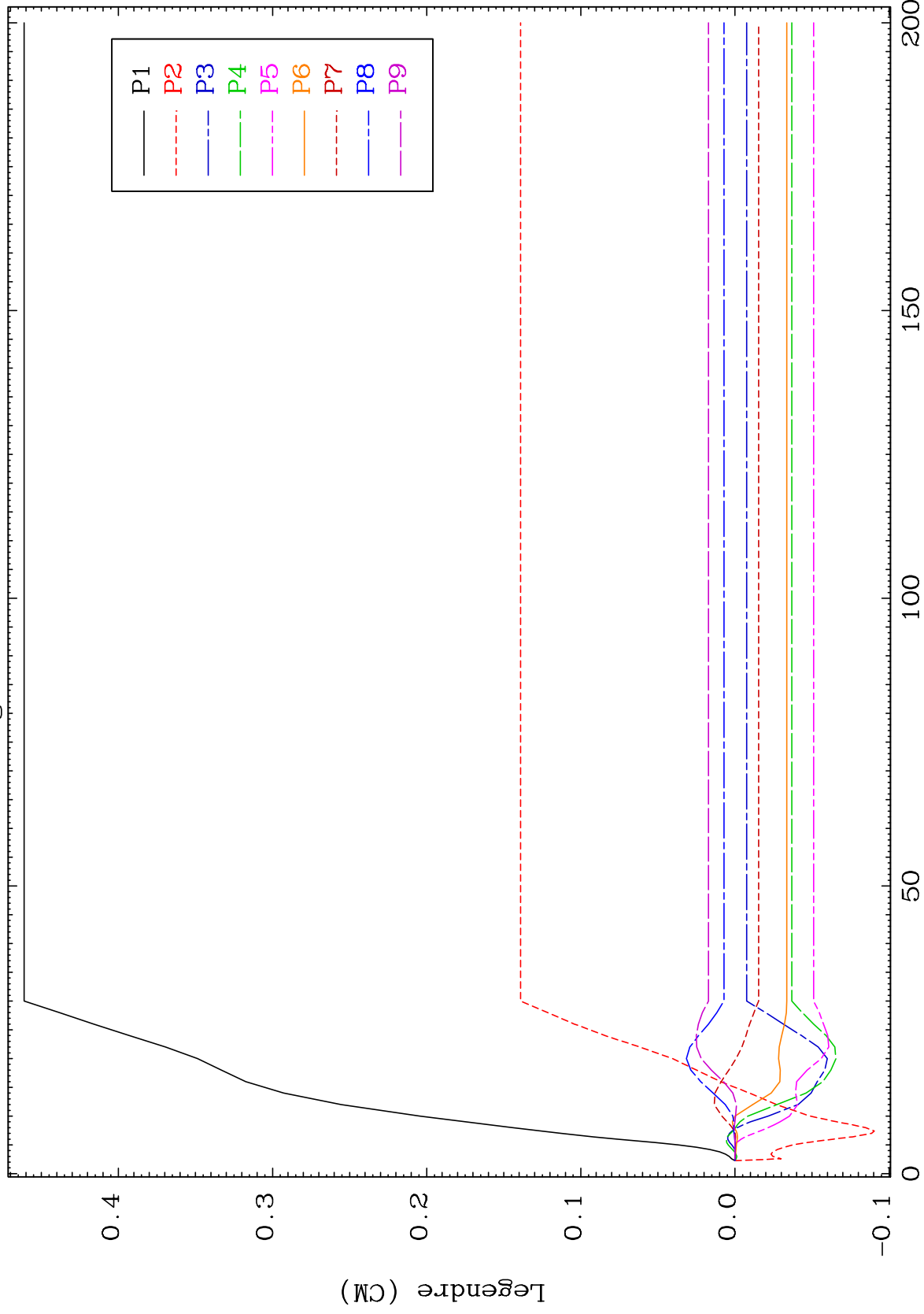
56-Ba-130



MAT 5625

MT= 71 (n,n') Level
Legendre Coefficients

56-Ba-130



94

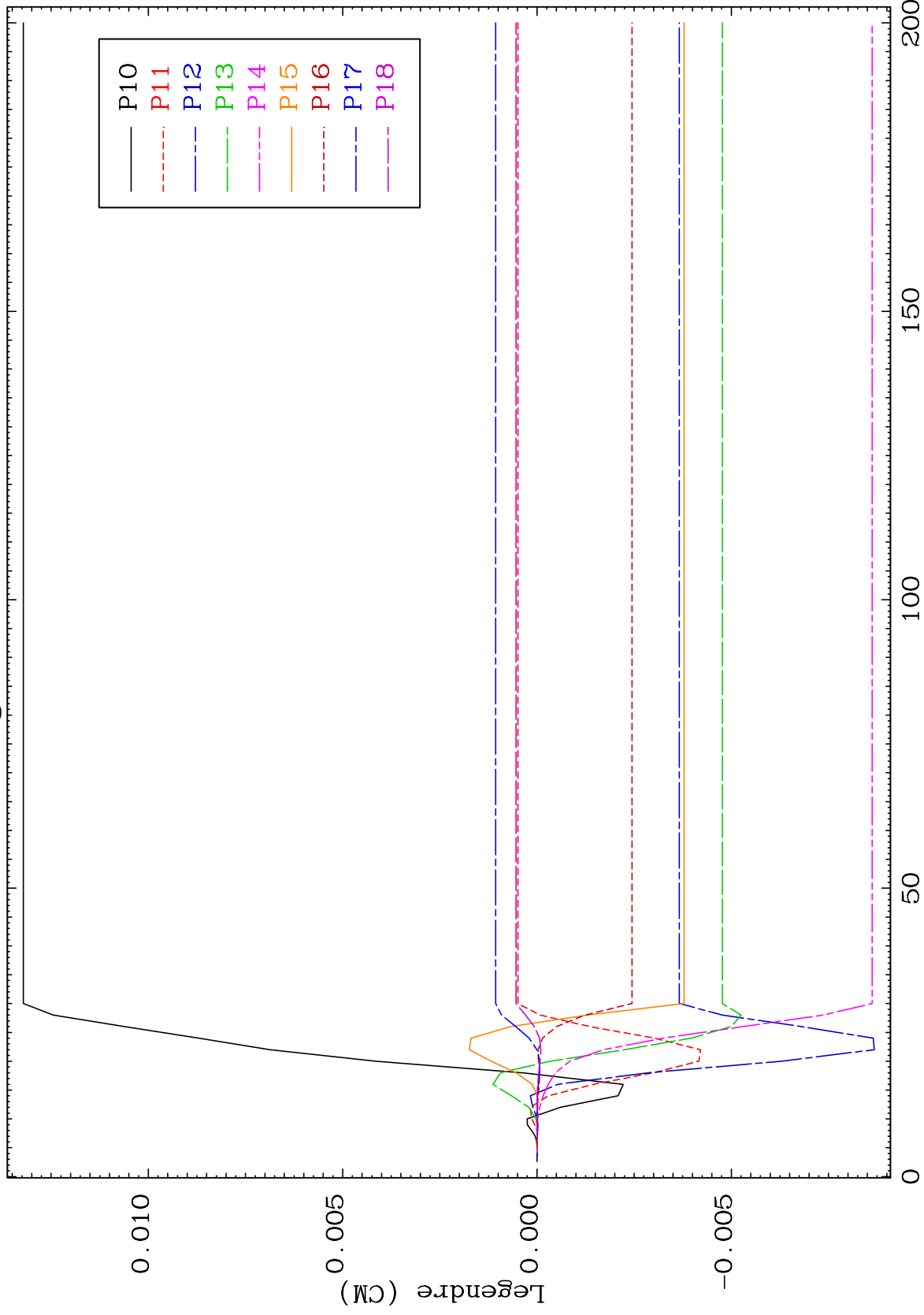
Incident Energy (MeV)

56-Ba-130

MAT 5625

MT= 71 (n,n') Level
Legendre Coefficients

56-Ba-130



95

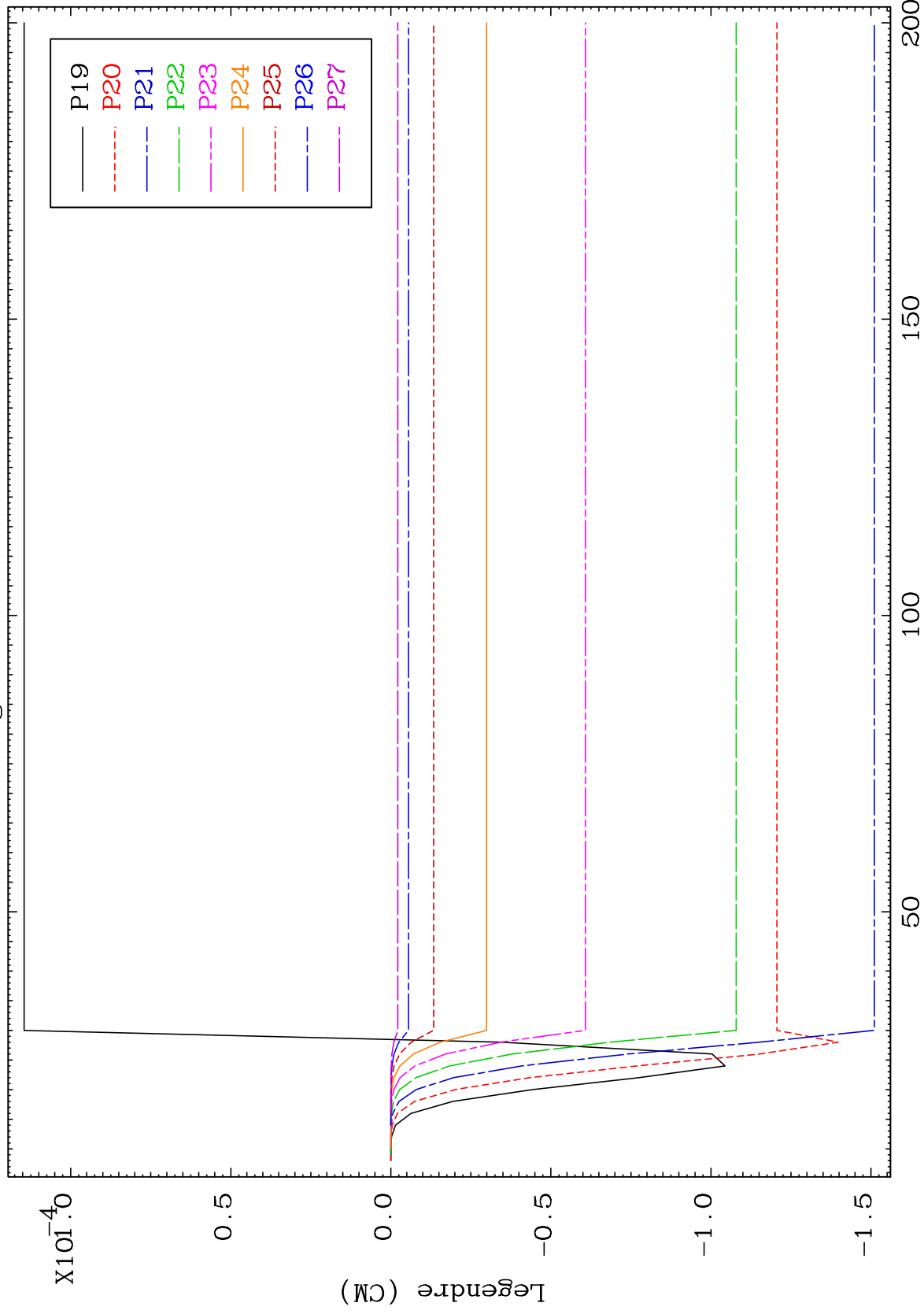
Incident Energy (MeV)

56-Ba-130

MAT 5625

MT= 71 (n,n') Level
Legendre Coefficients

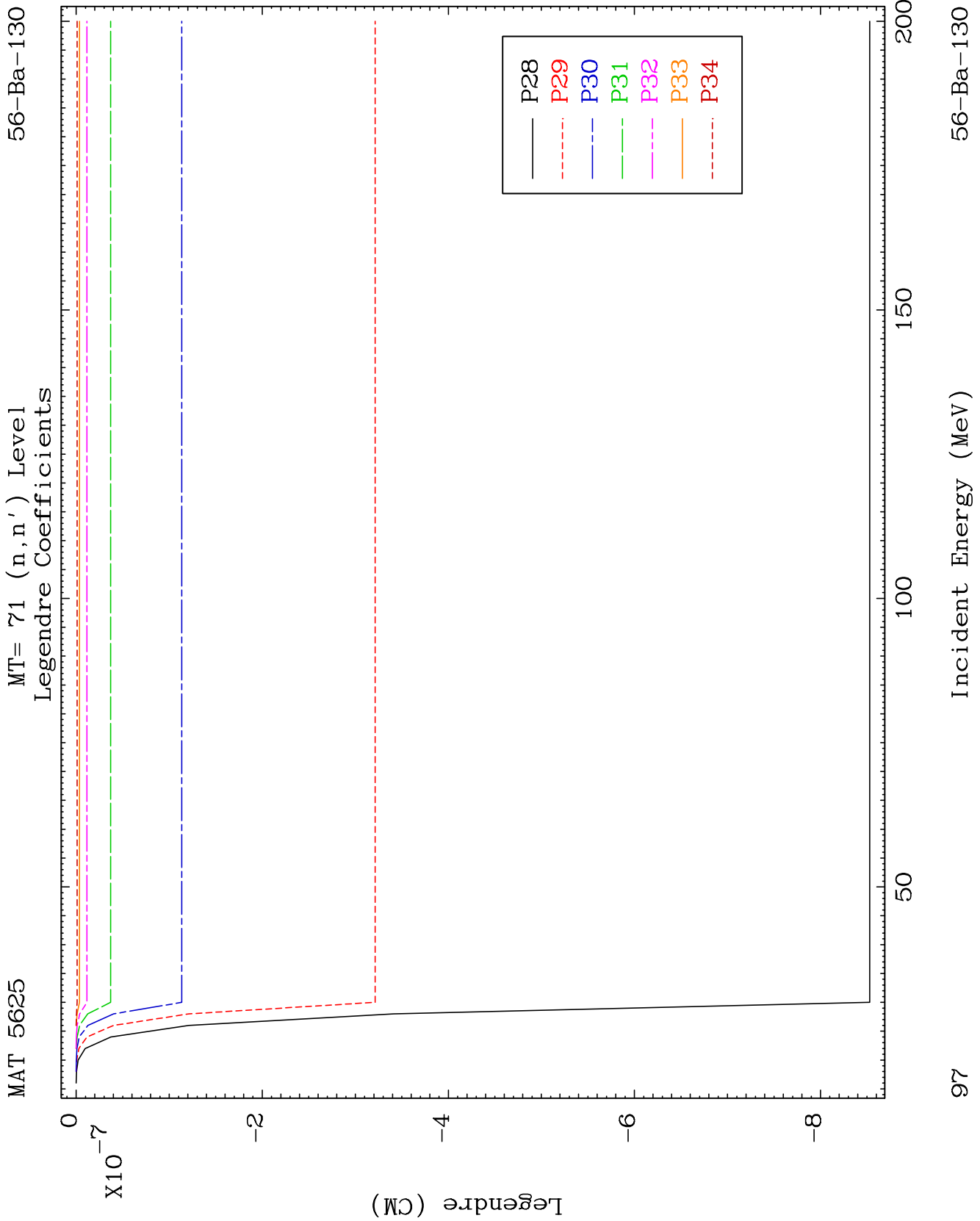
56-Ba-130



96

Incident Energy (MeV)

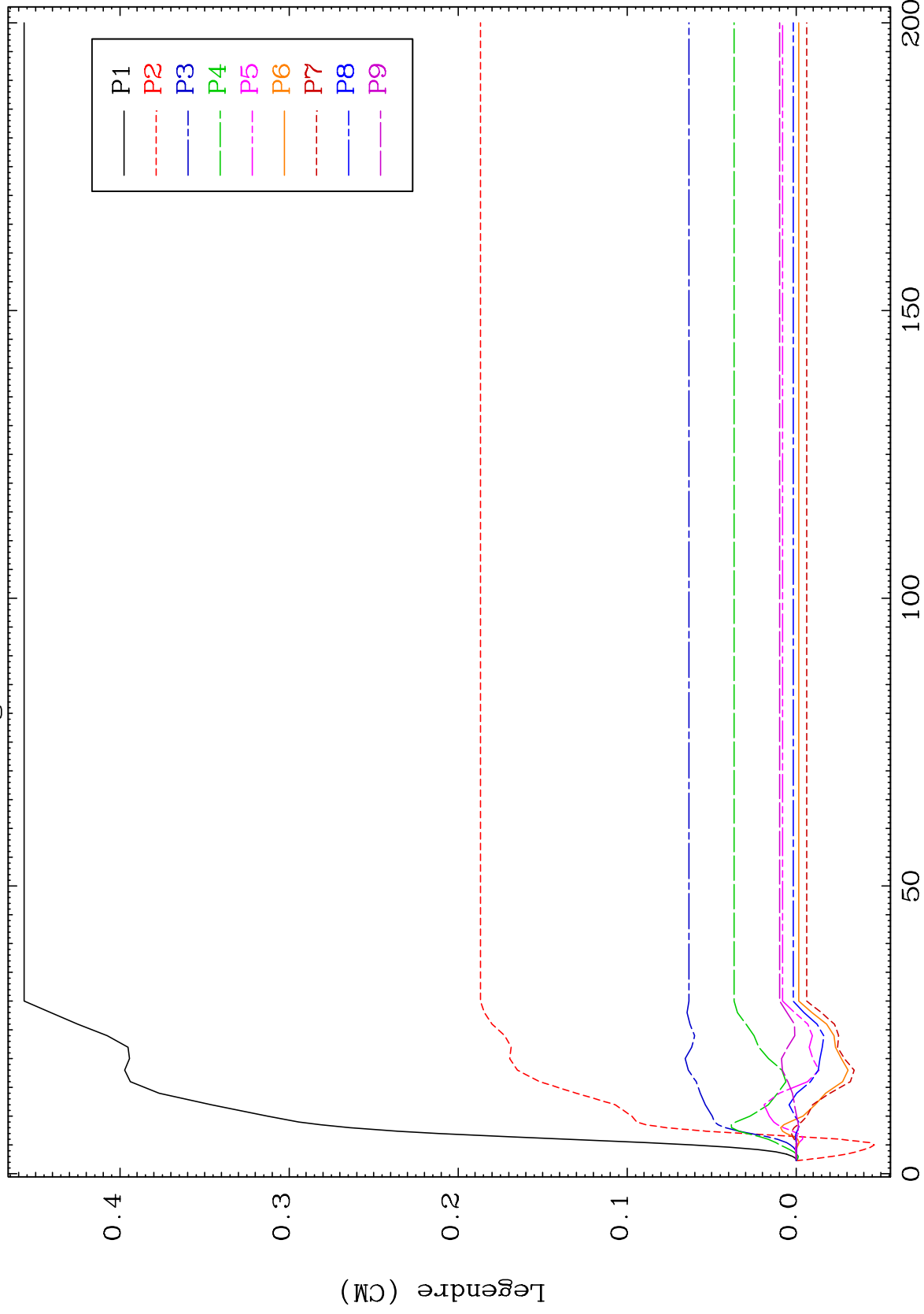
56-Ba-130



MAT 5625

MT= 72 (n,n') Level
Legendre Coefficients

56-Ba-130



56-Ba-130

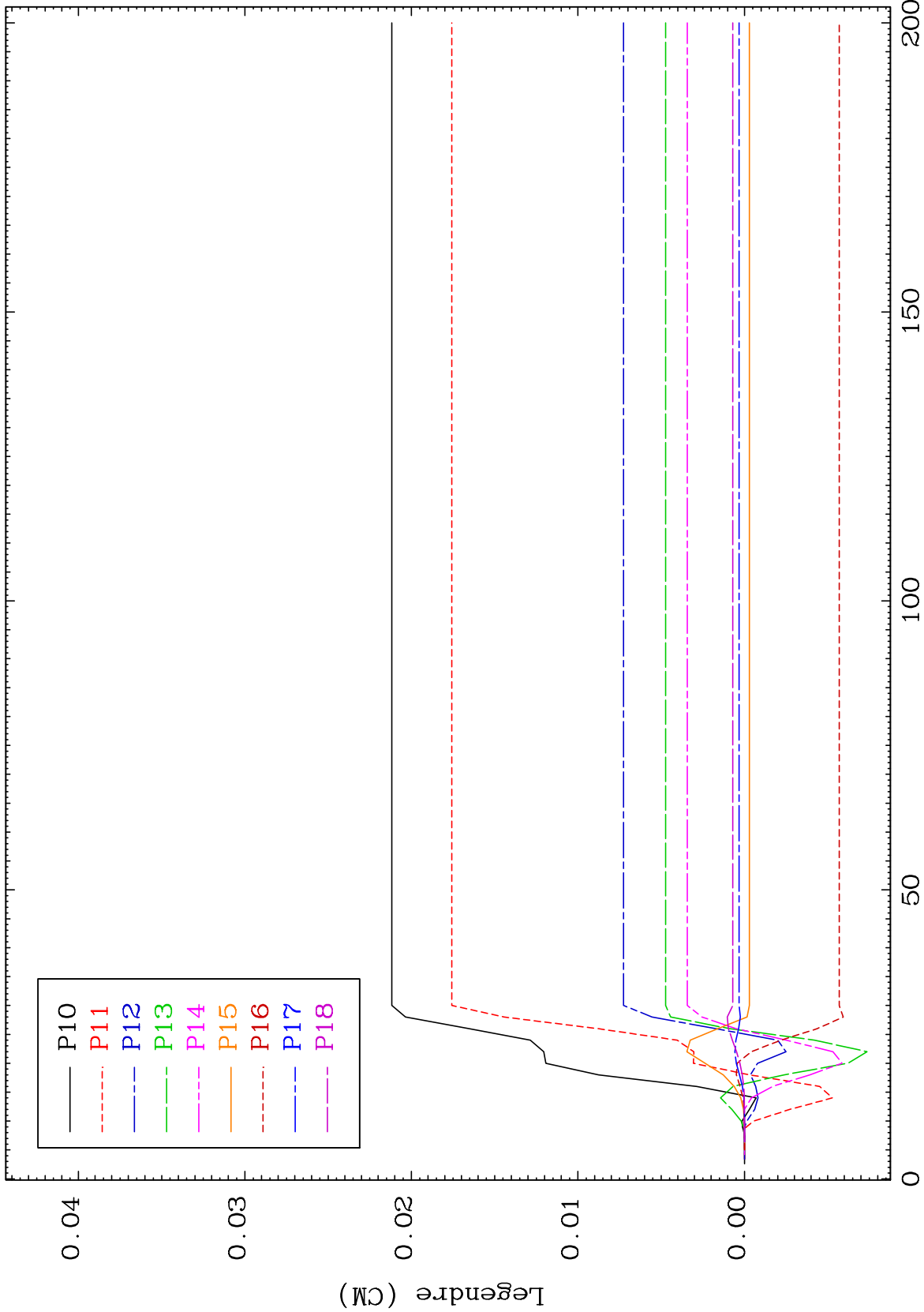
Incident Energy (MeV)

98

MAT 5625

MT= 72 (n,n') Level
Legendre Coefficients

56-Ba-130



99

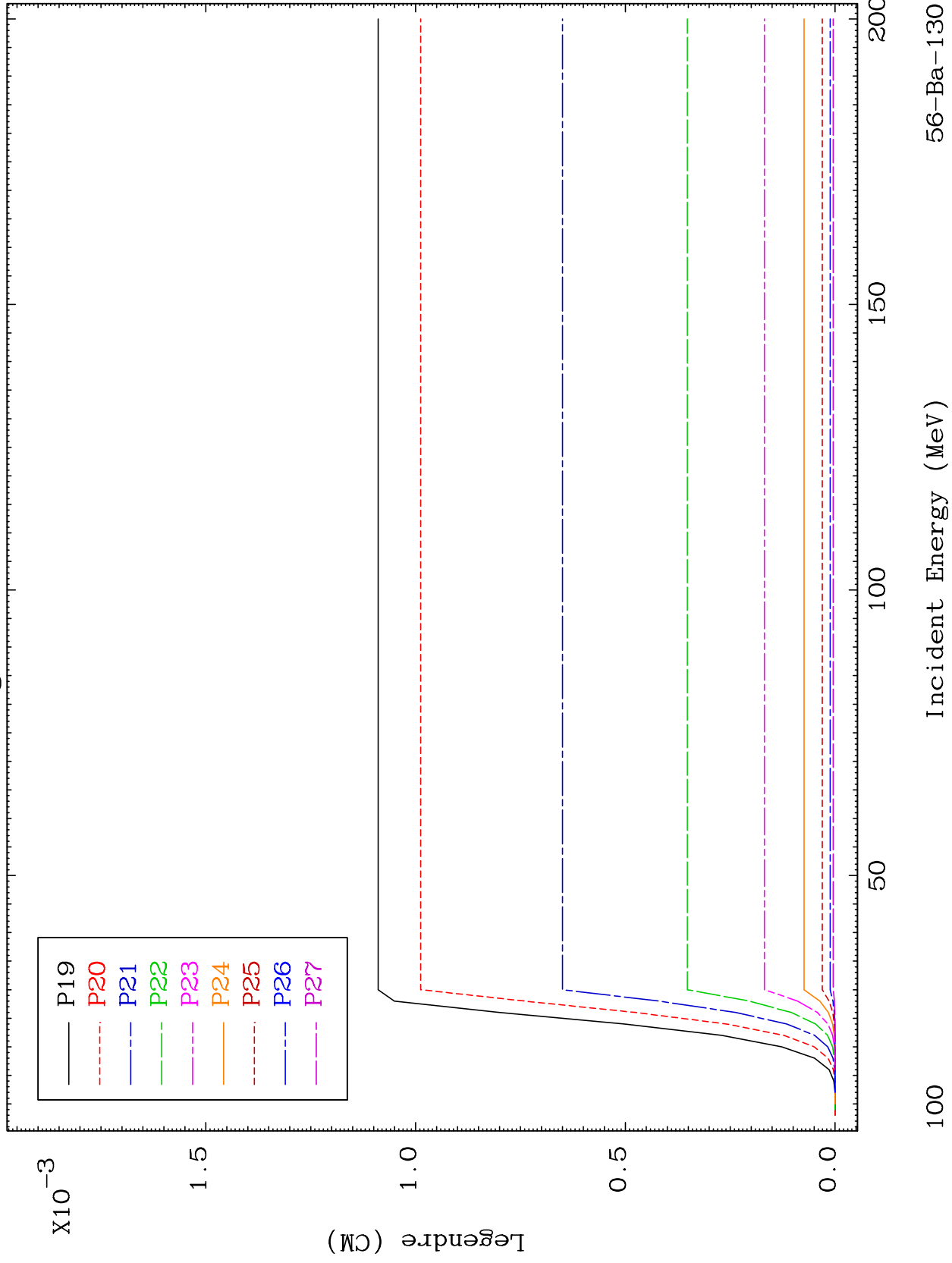
Incident Energy (MeV)

56-Ba-130

MAT 5625

MT= 72 (n,n') Level
Legendre Coefficients

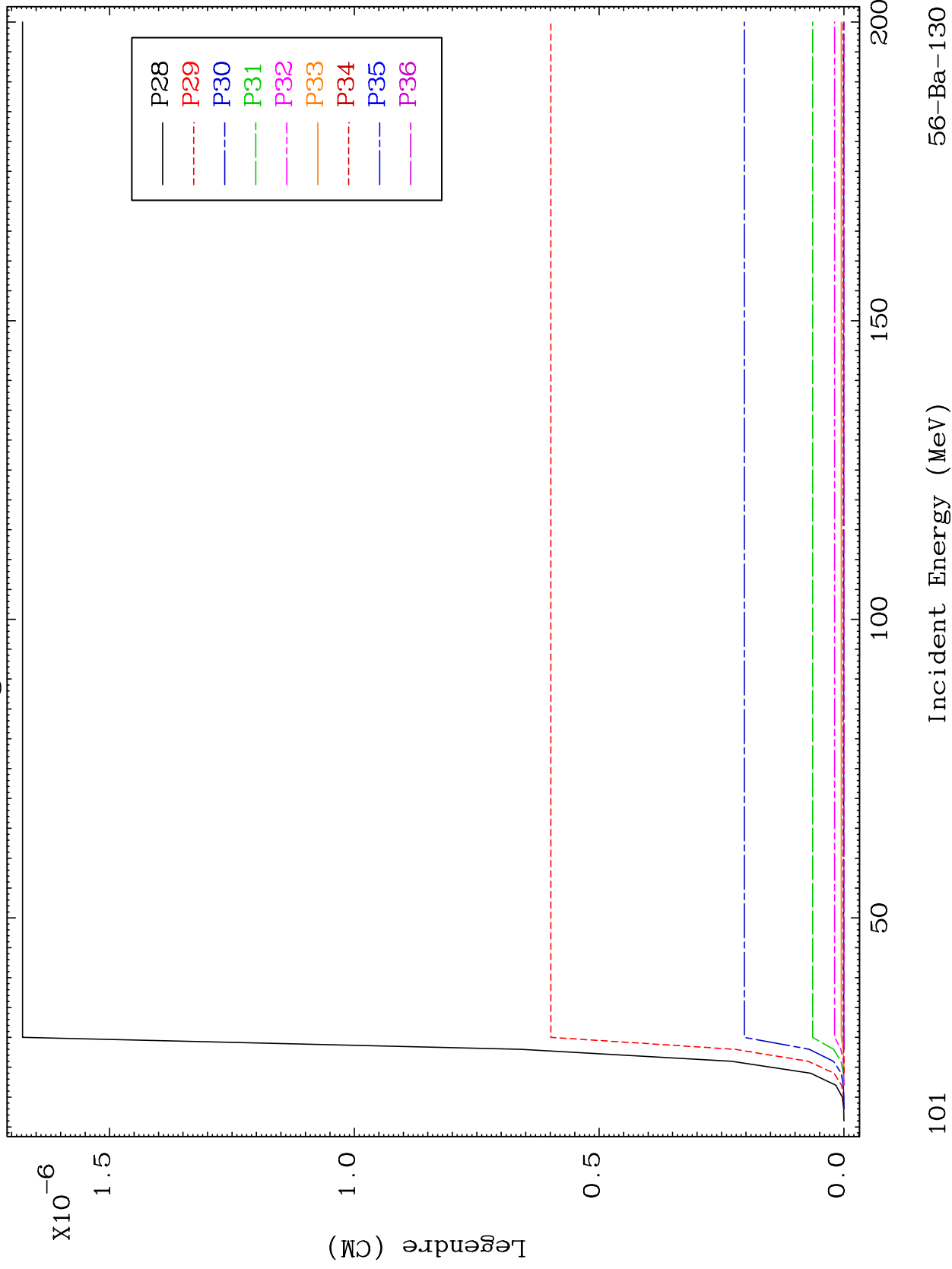
56-Ba-130



MAT 5625

MT= 72 (n,n') Level
Legendre Coefficients

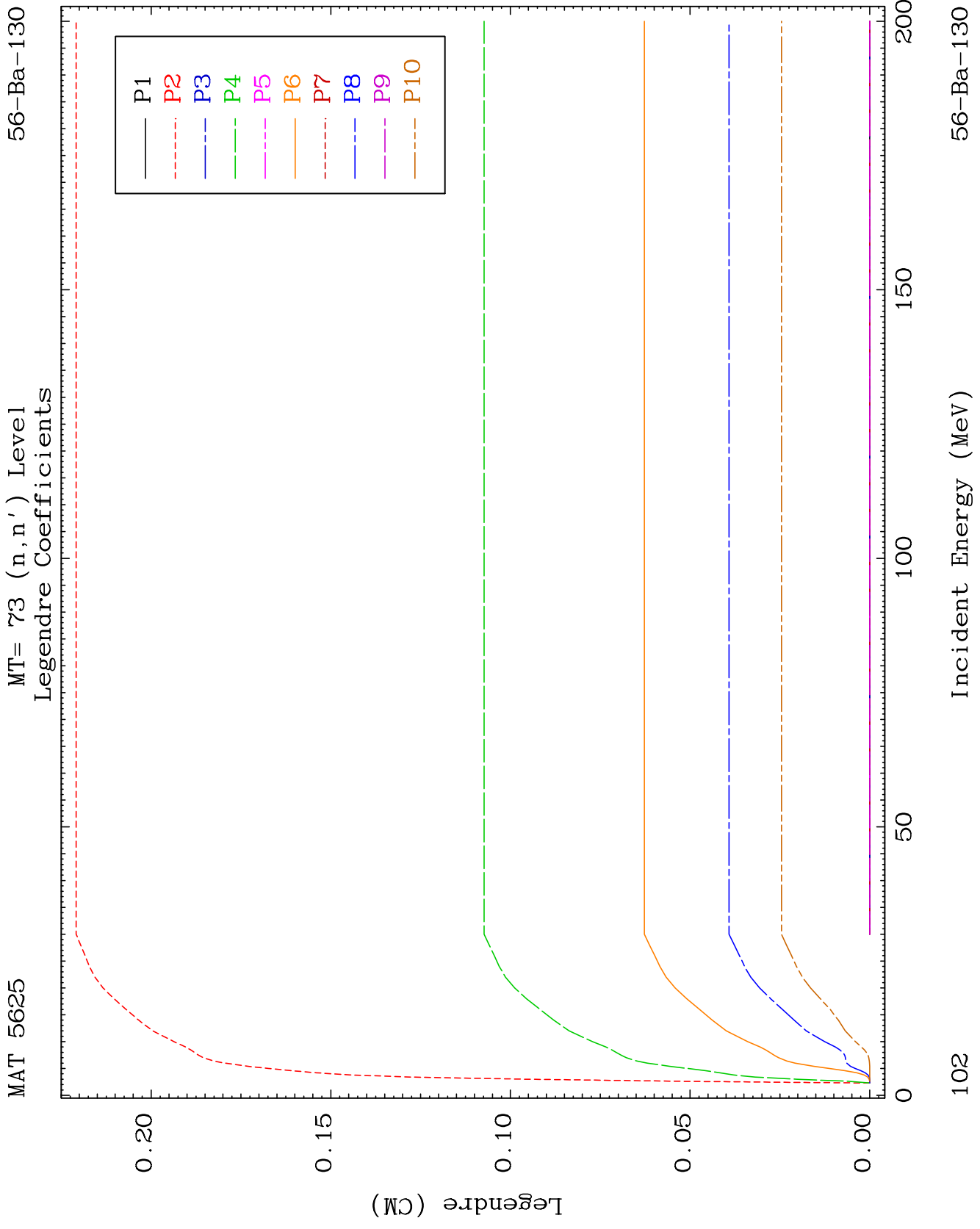
56-Ba-130

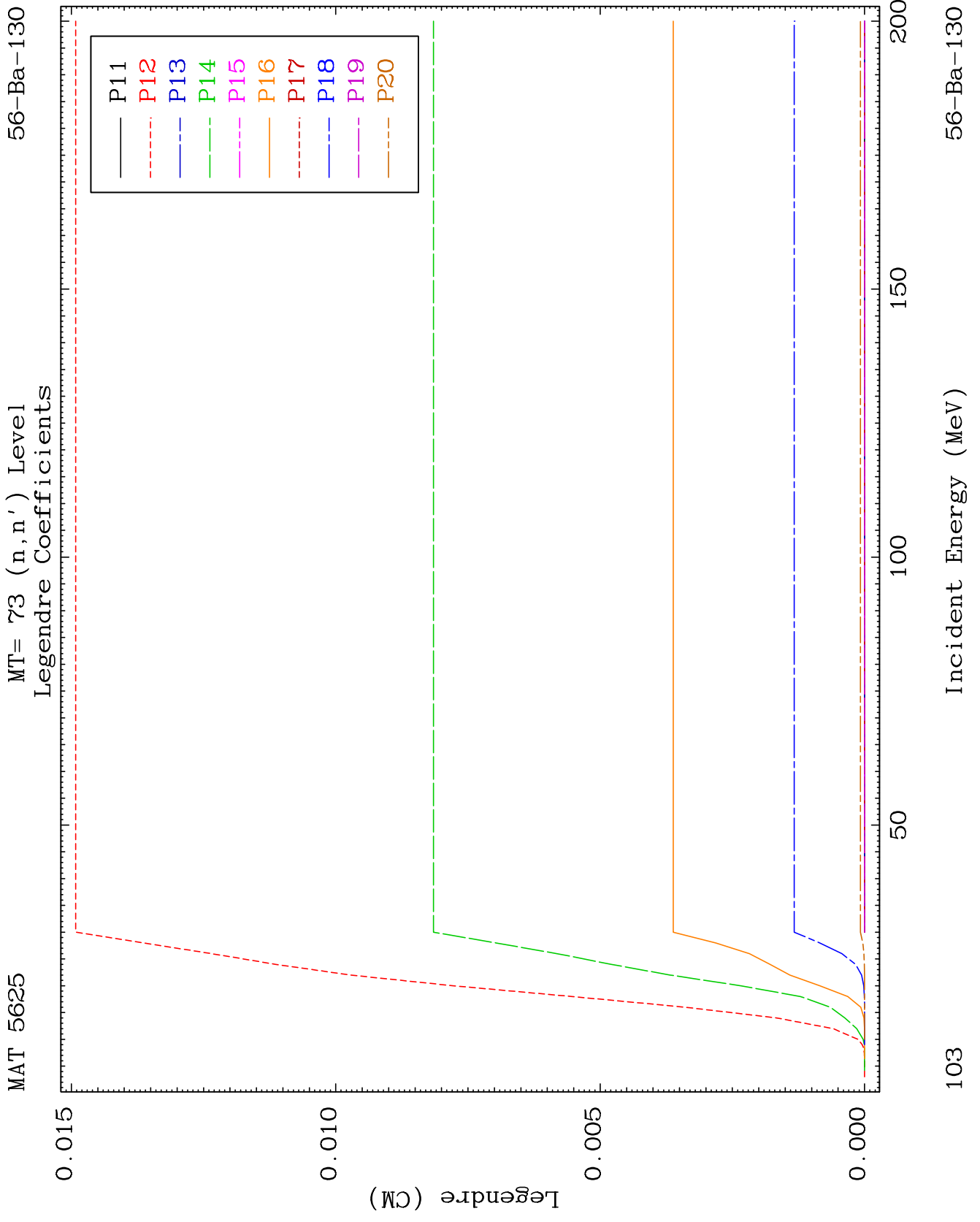


101

Incident Energy (MeV)

56-Ba-130

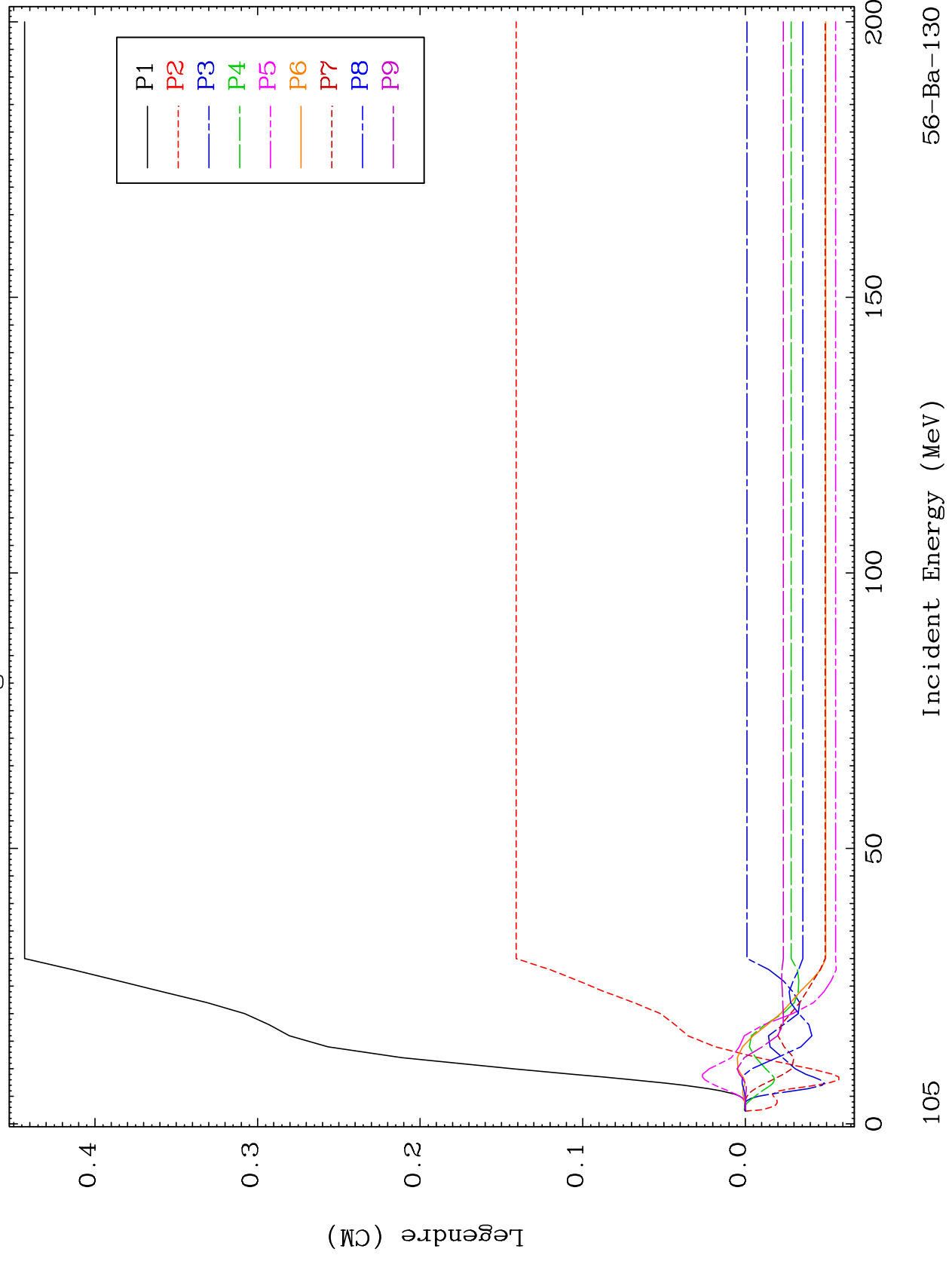




MAT 5625

MT= 74 (n,n') Level
Legendre Coefficients

56-Ba-130



56-Ba-130

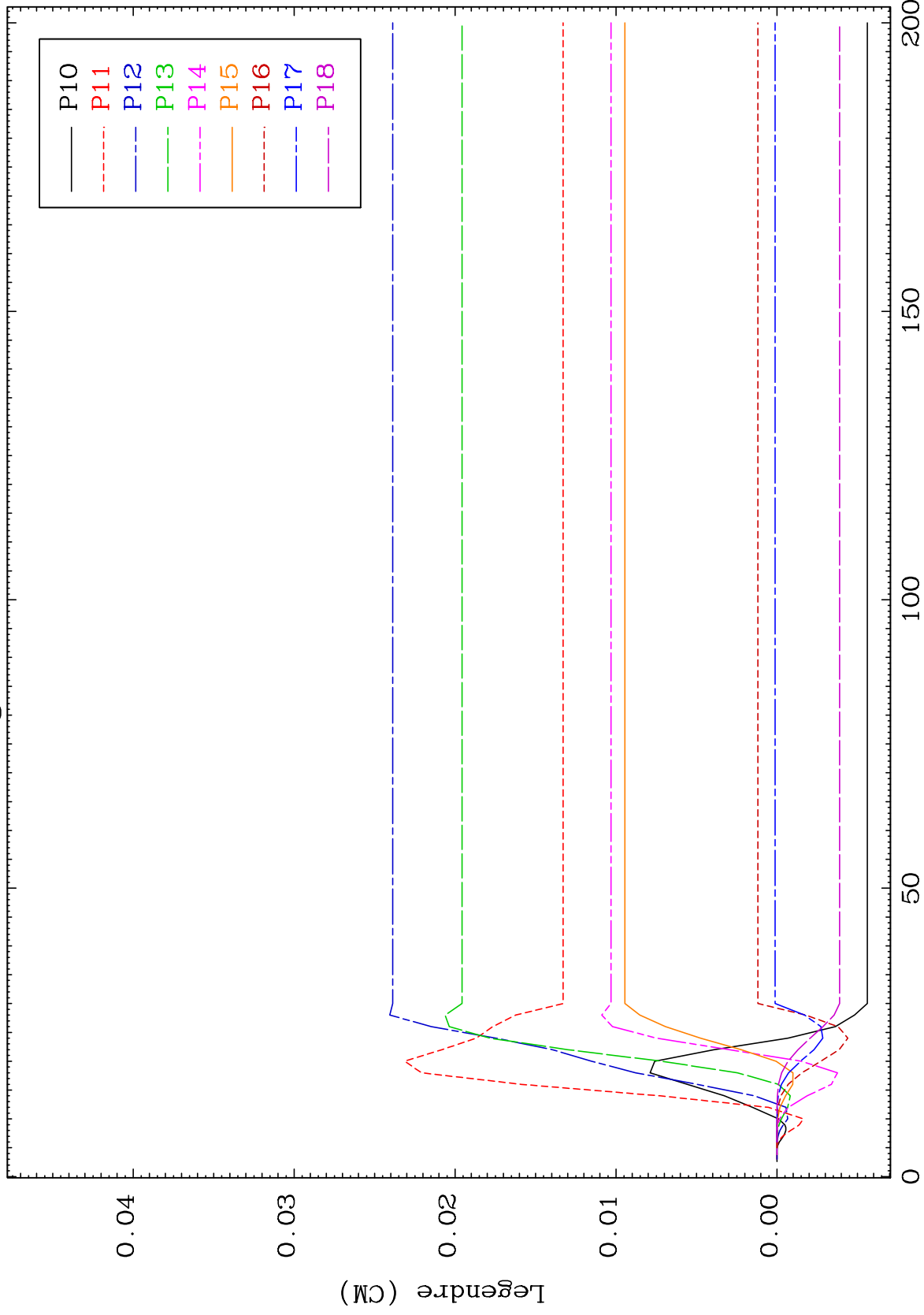
Incident Energy (MeV)

Legendre (CM)

MAT 5625

MT= 74 (n,n') Level
Legendre Coefficients

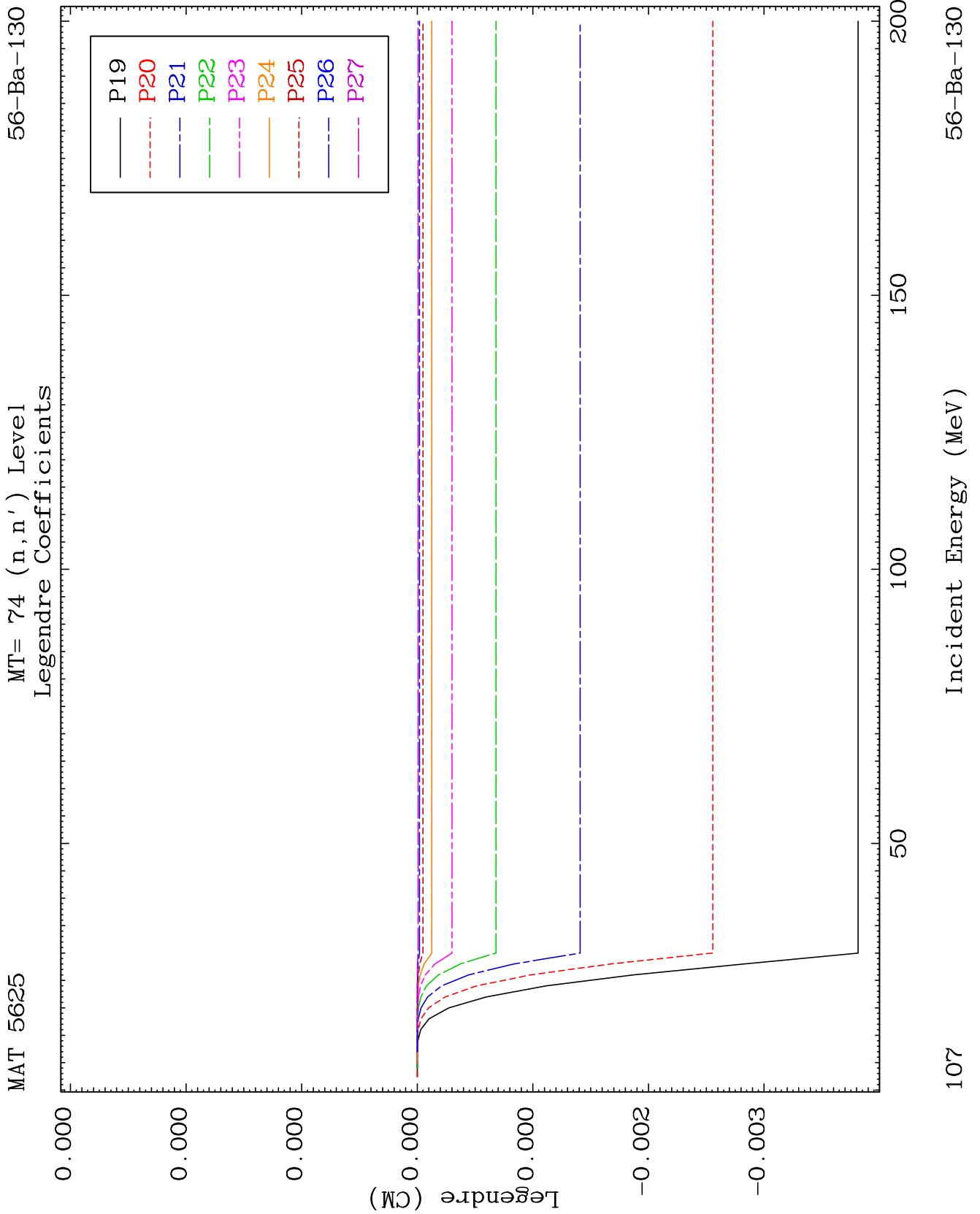
56-Ba-130

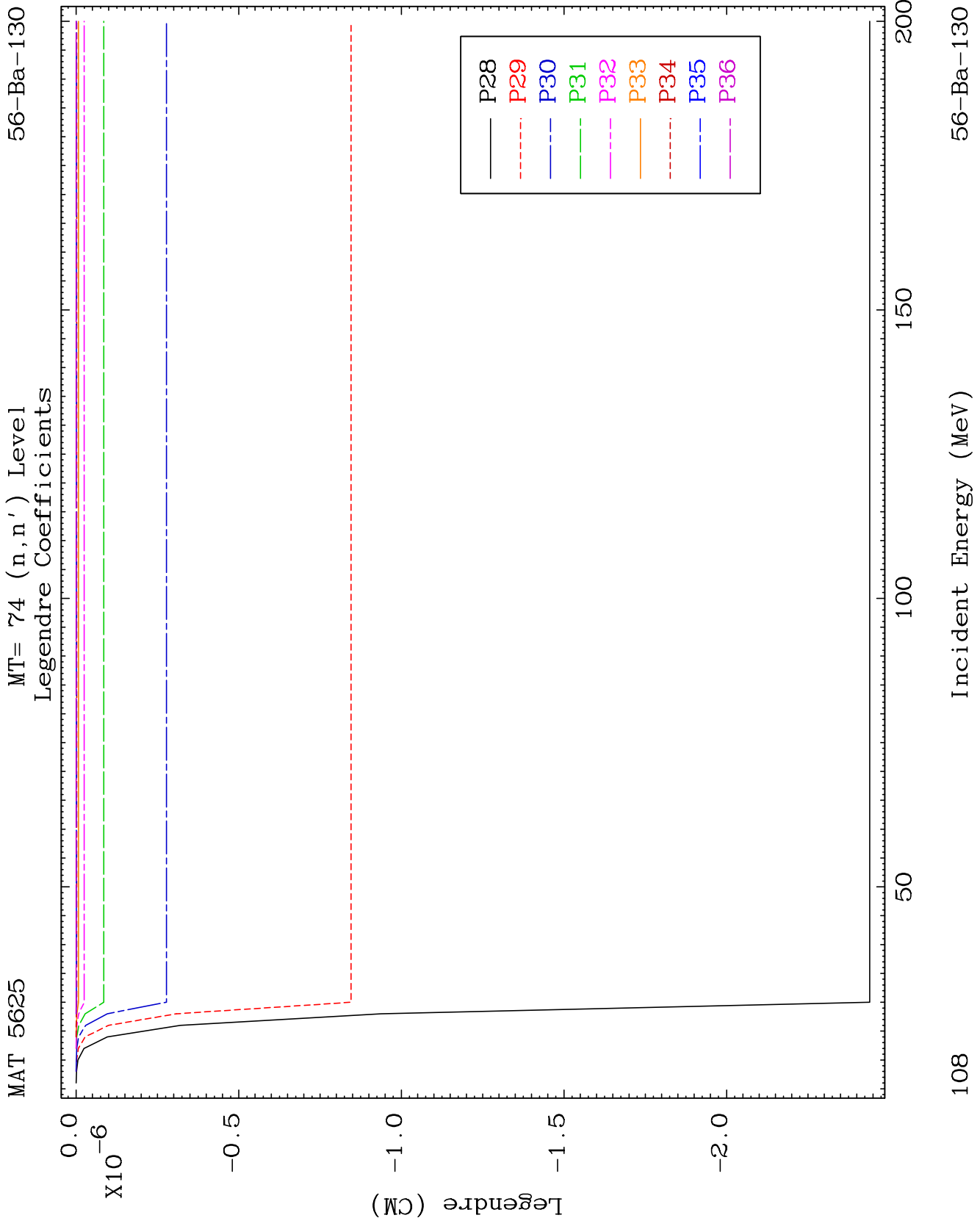


106

Incident Energy (MeV)

56-Ba-130

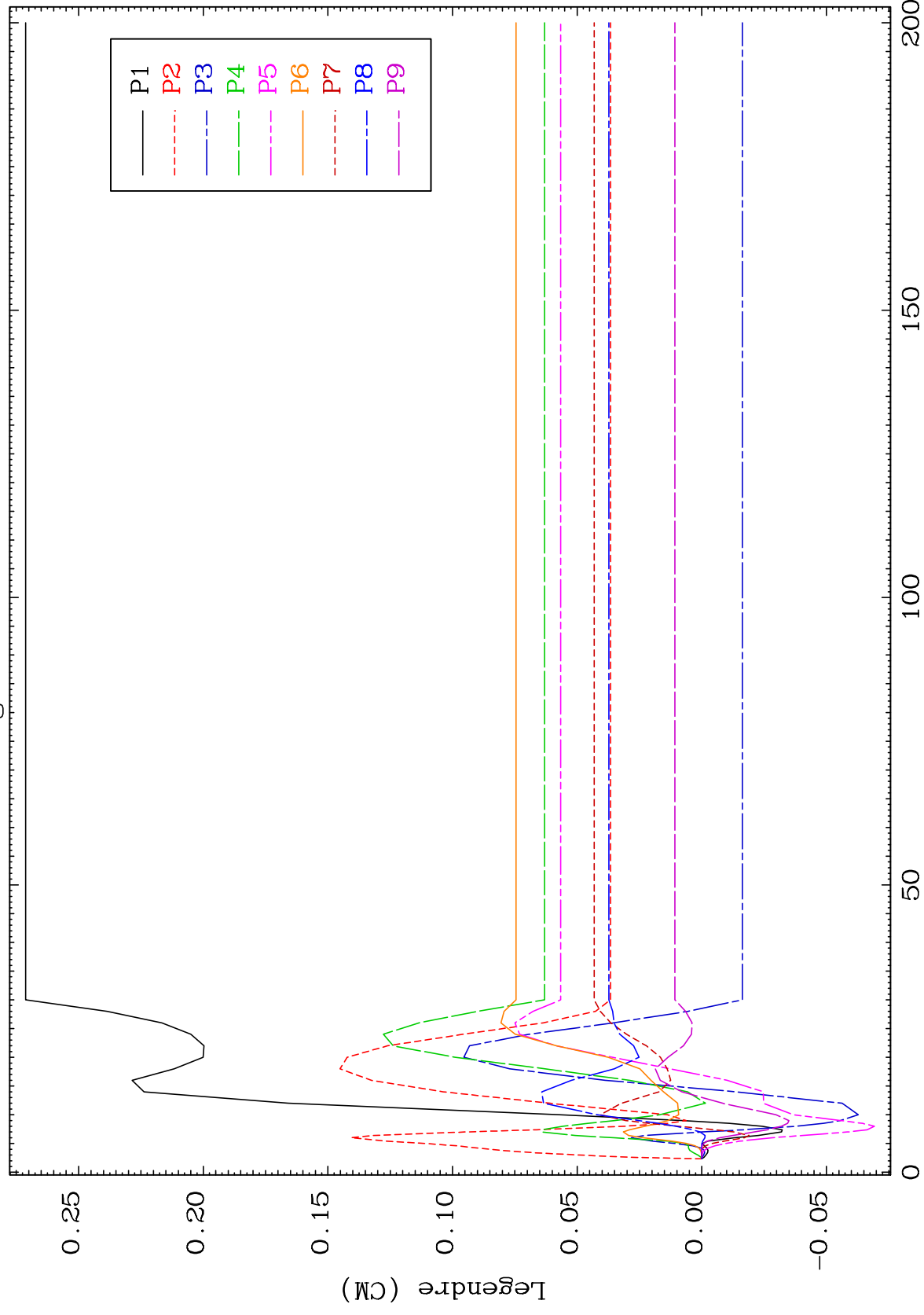




MAT 5625

MT= 75 (n,n') Level
Legendre Coefficients

56-Ba-130



56-Ba-130

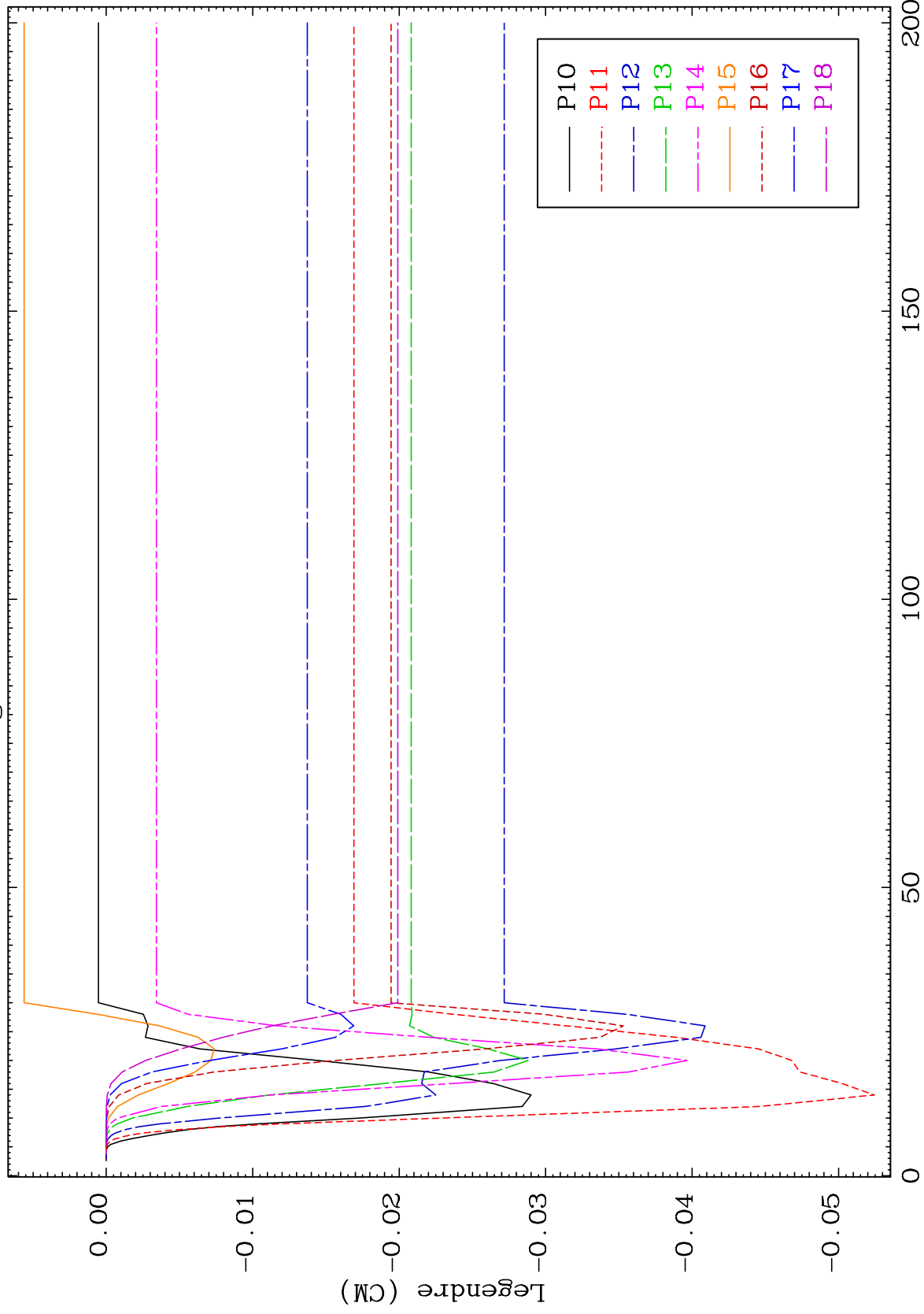
Incident Energy (MeV)

109

MAT 5625

MT= 75 (n,n') Level
Legendre Coefficients

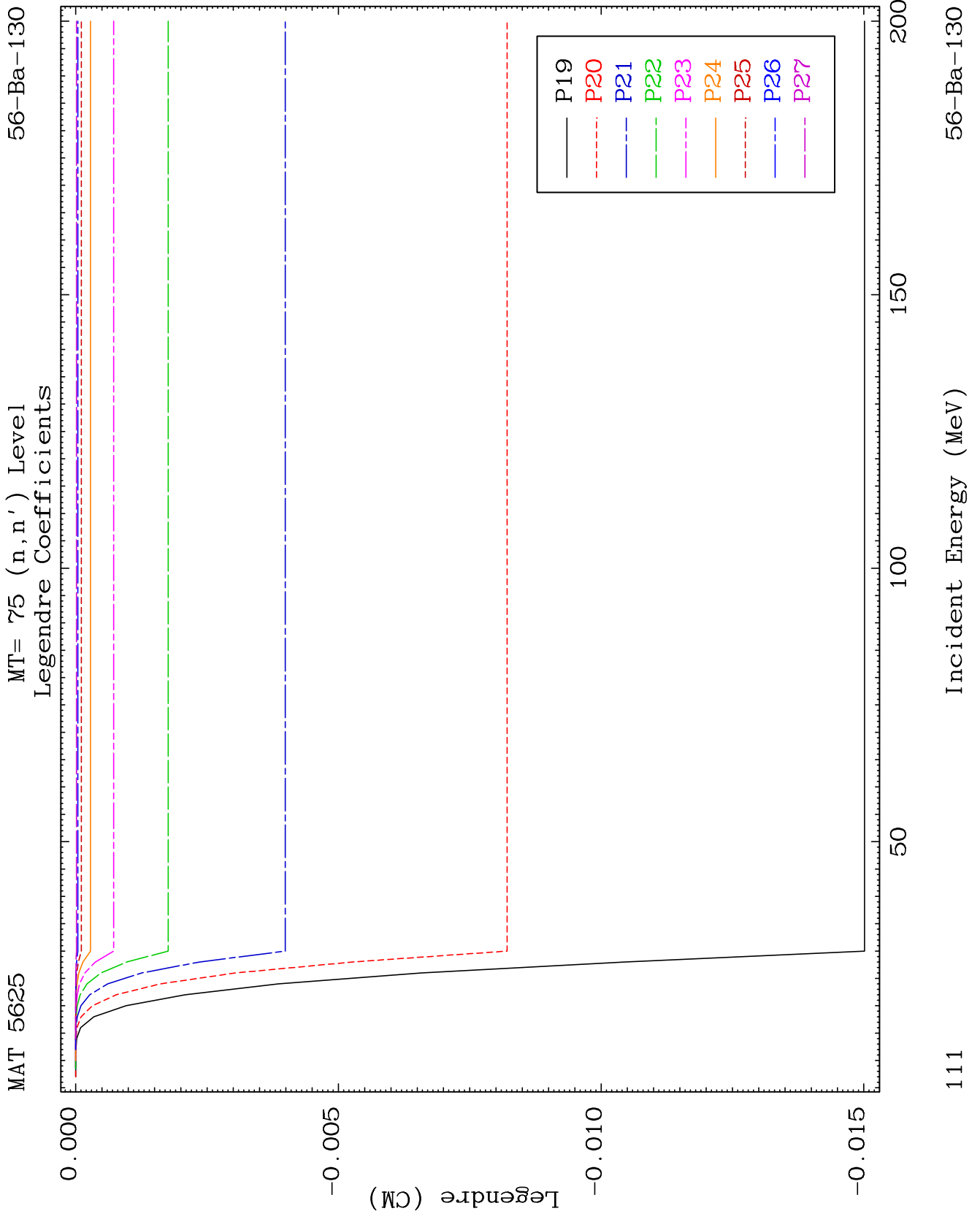
56-Ba-130

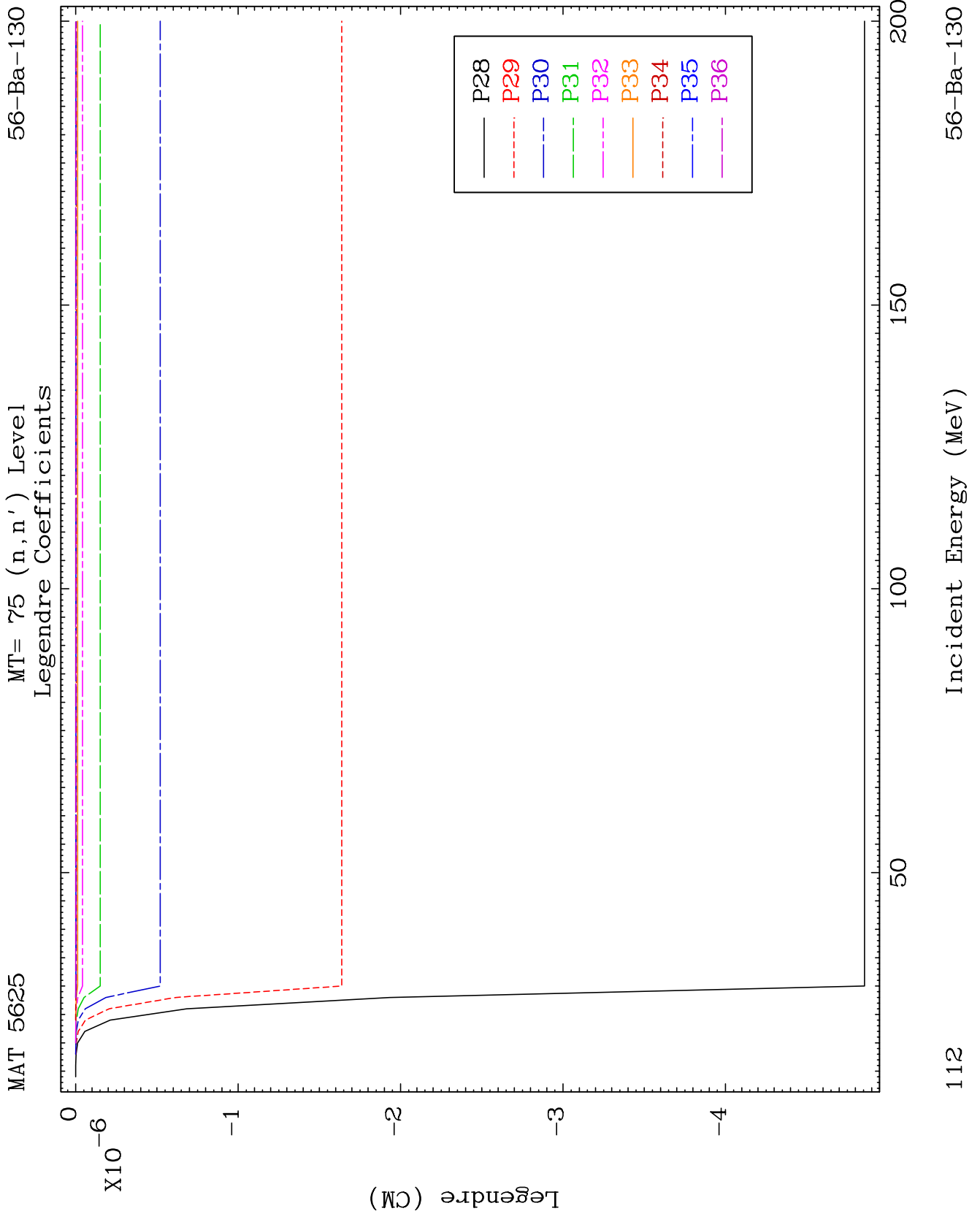


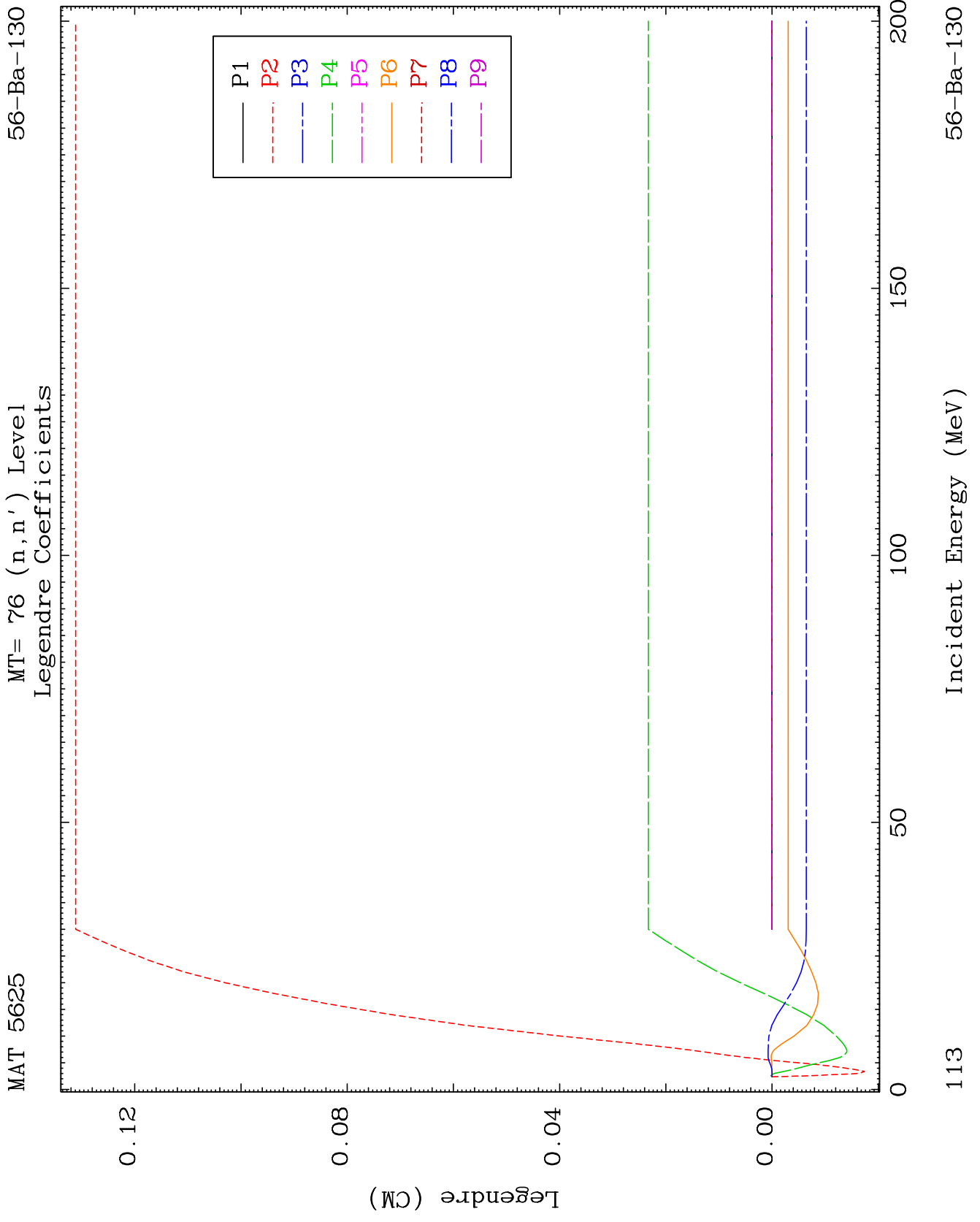
56-Ba-130

Incident Energy (MeV)

110



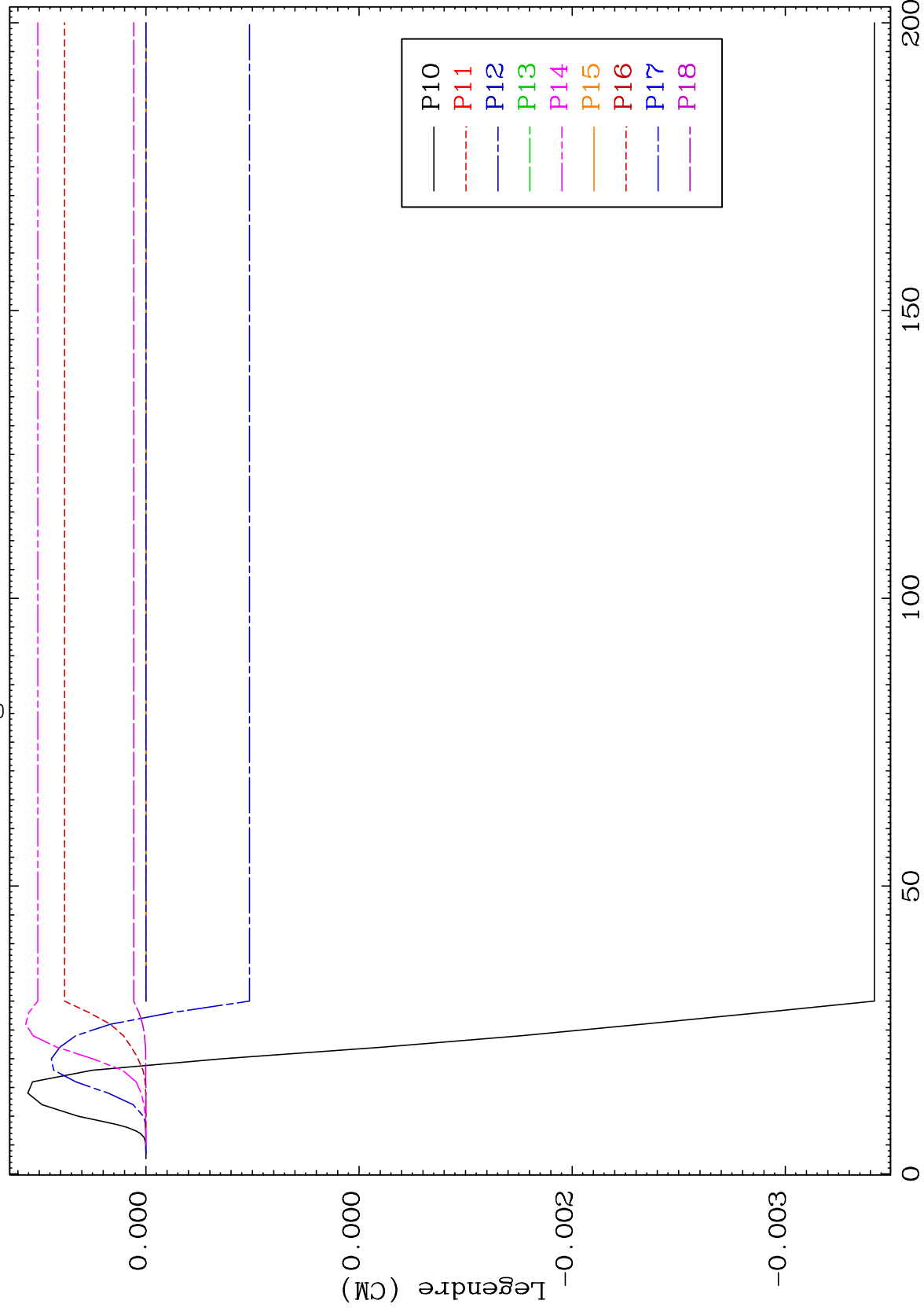




MAT 5625

MT= 76 (n,n') Level
Legendre Coefficients

56-Ba-130



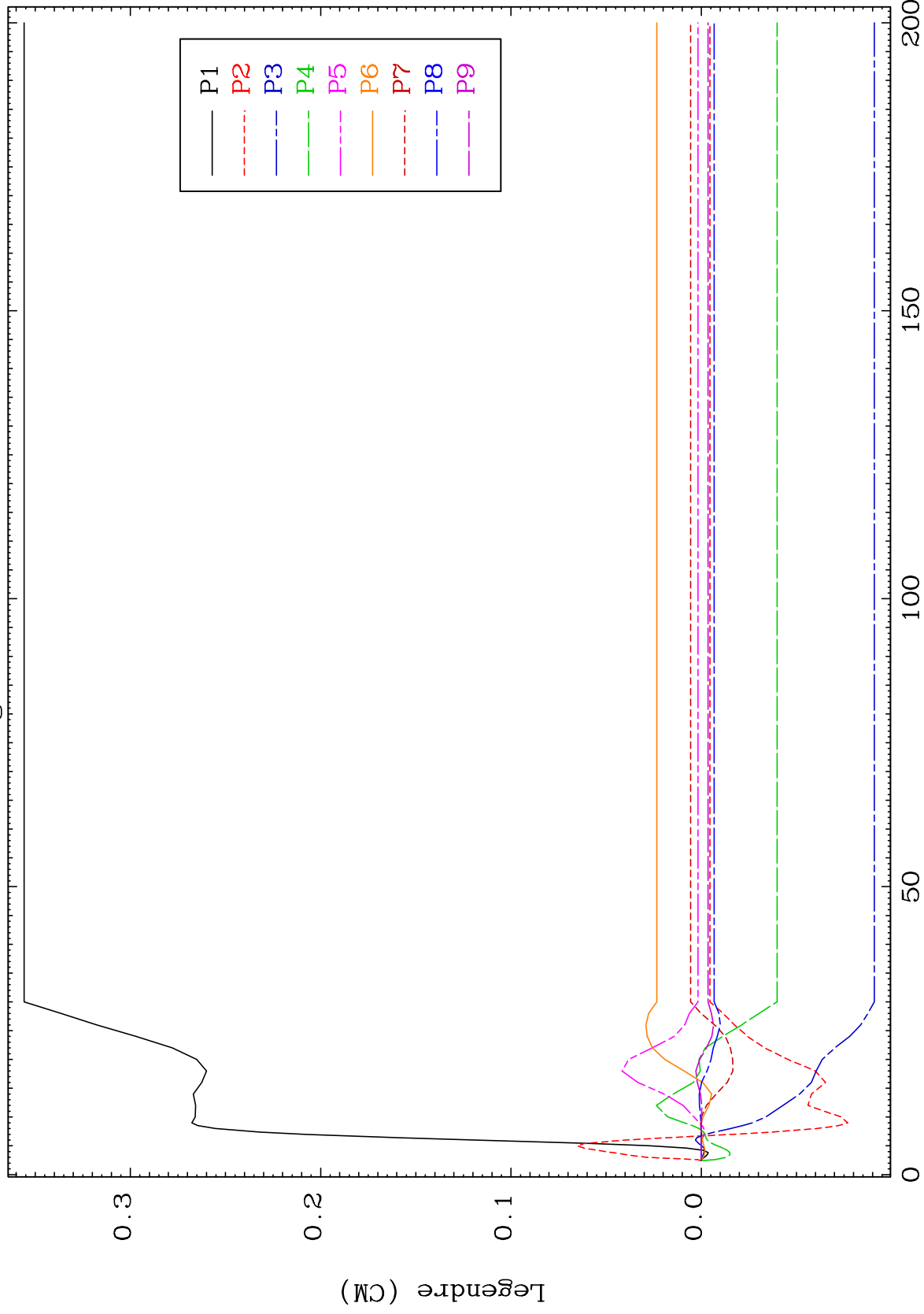
114

56-Ba-130

MAT 5625

MT= 77 (n,n') Level
Legendre Coefficients

56-Ba-130



116

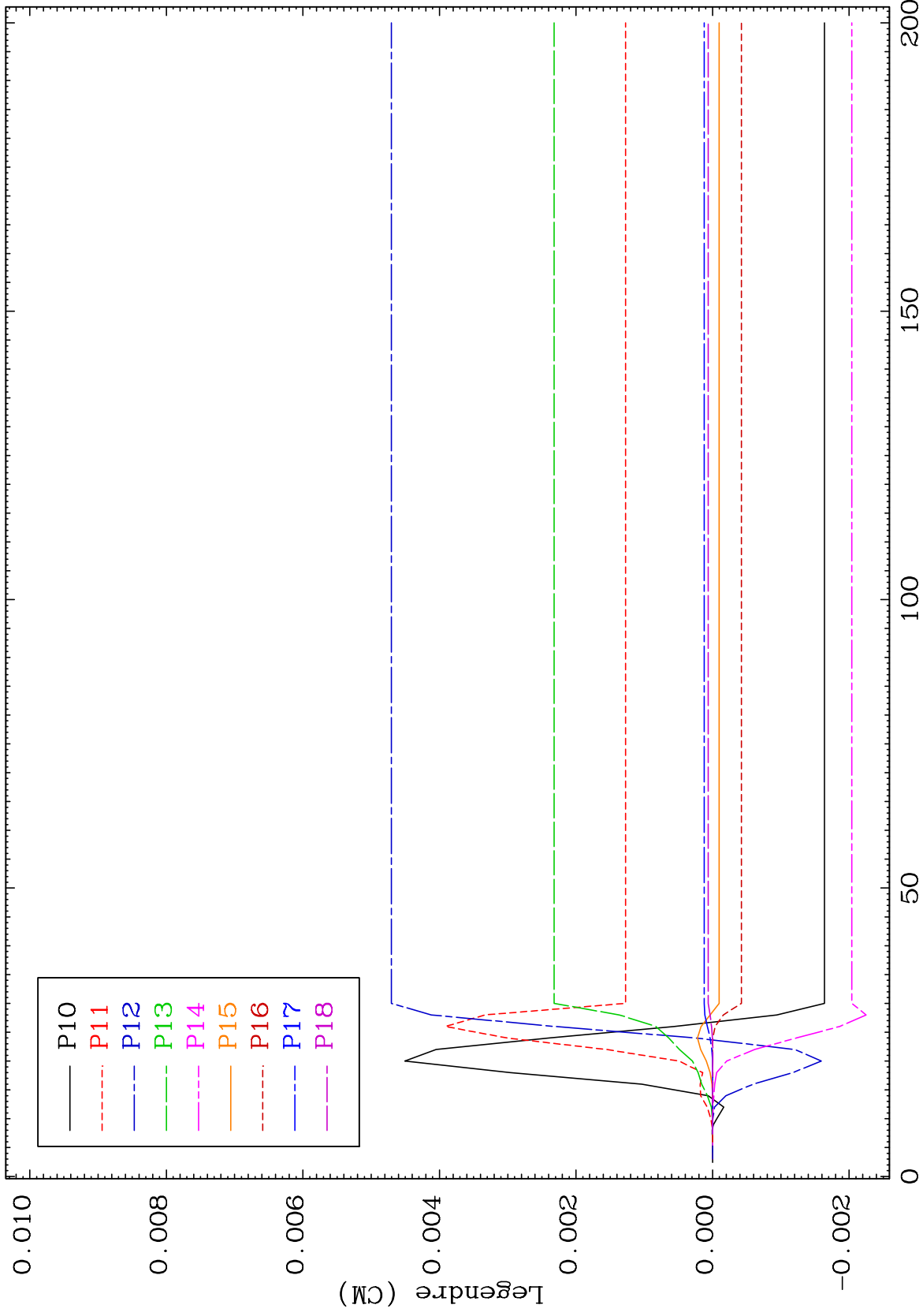
Incident Energy (MeV)

56-Ba-130

MAT 5625

MT= 77 (n,n') Level
Legendre Coefficients

56-Ba-130



117

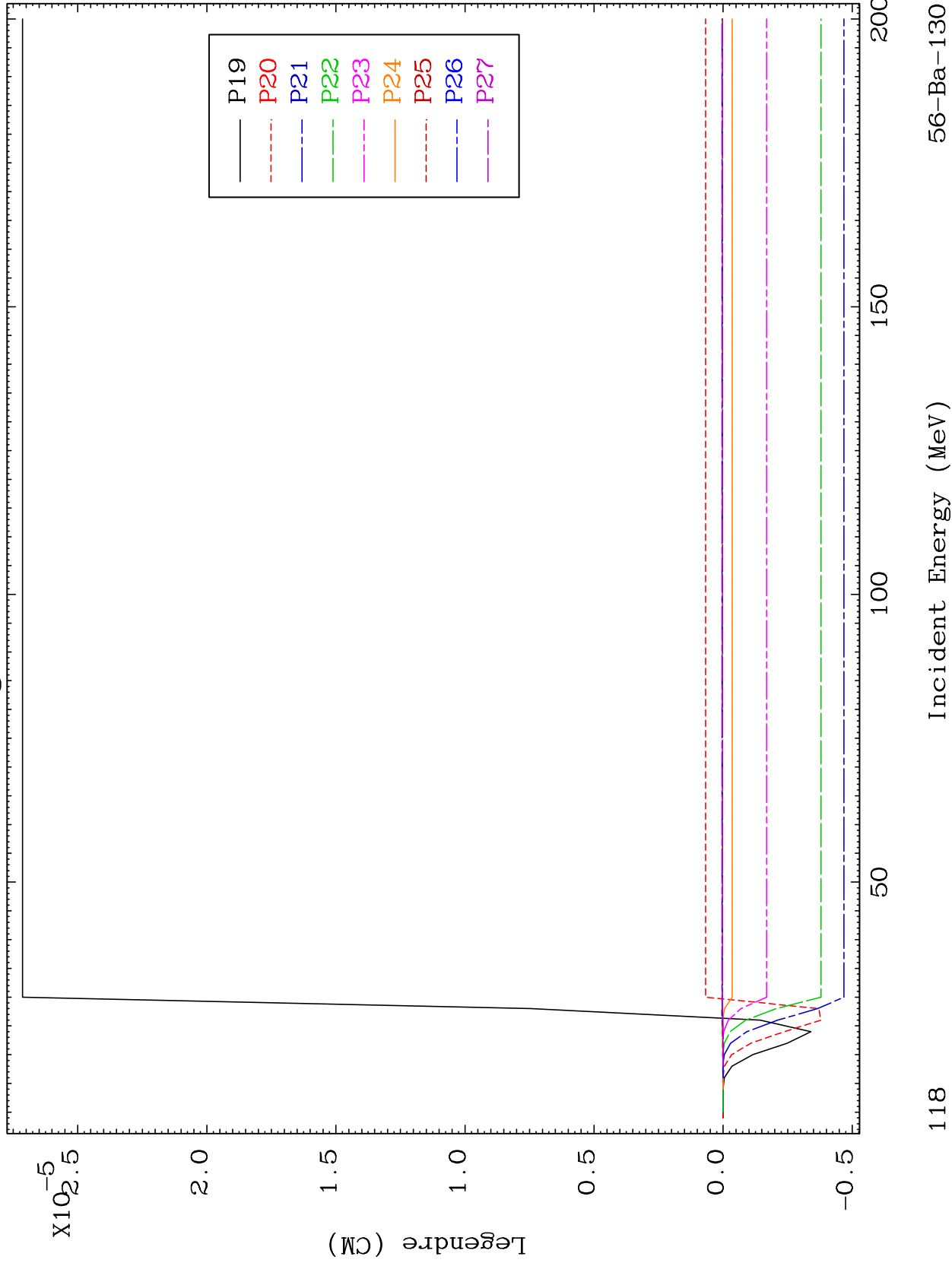
Incident Energy (MeV)

56-Ba-130

MAT 5625

MT= 77 (n,n') Level
Legendre Coefficients

56-Ba-130



118

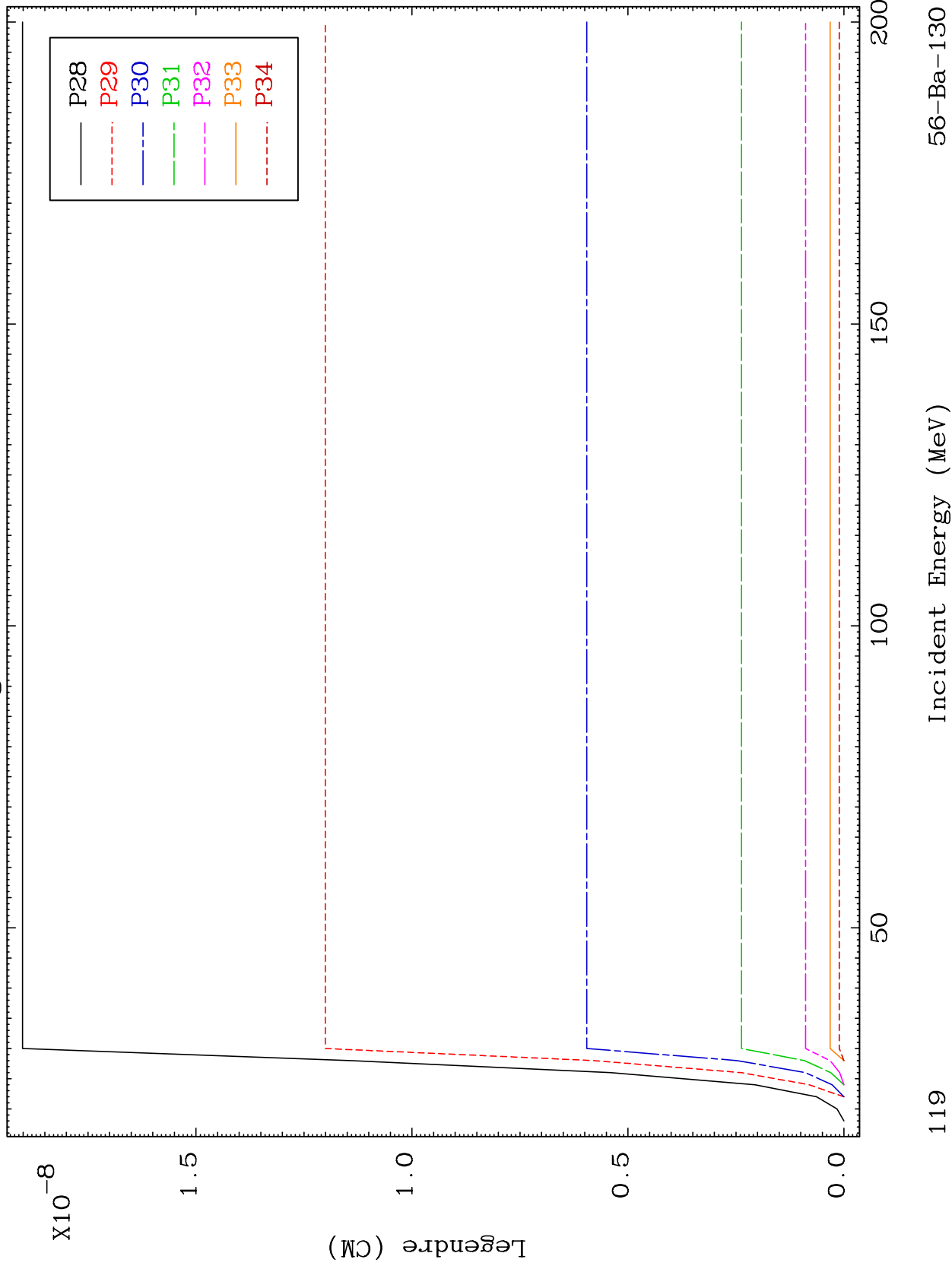
Incident Energy (MeV)

56-Ba-130

MAT 5625

MT= 77 (n,n') Level
Legendre Coefficients

56-Ba-130



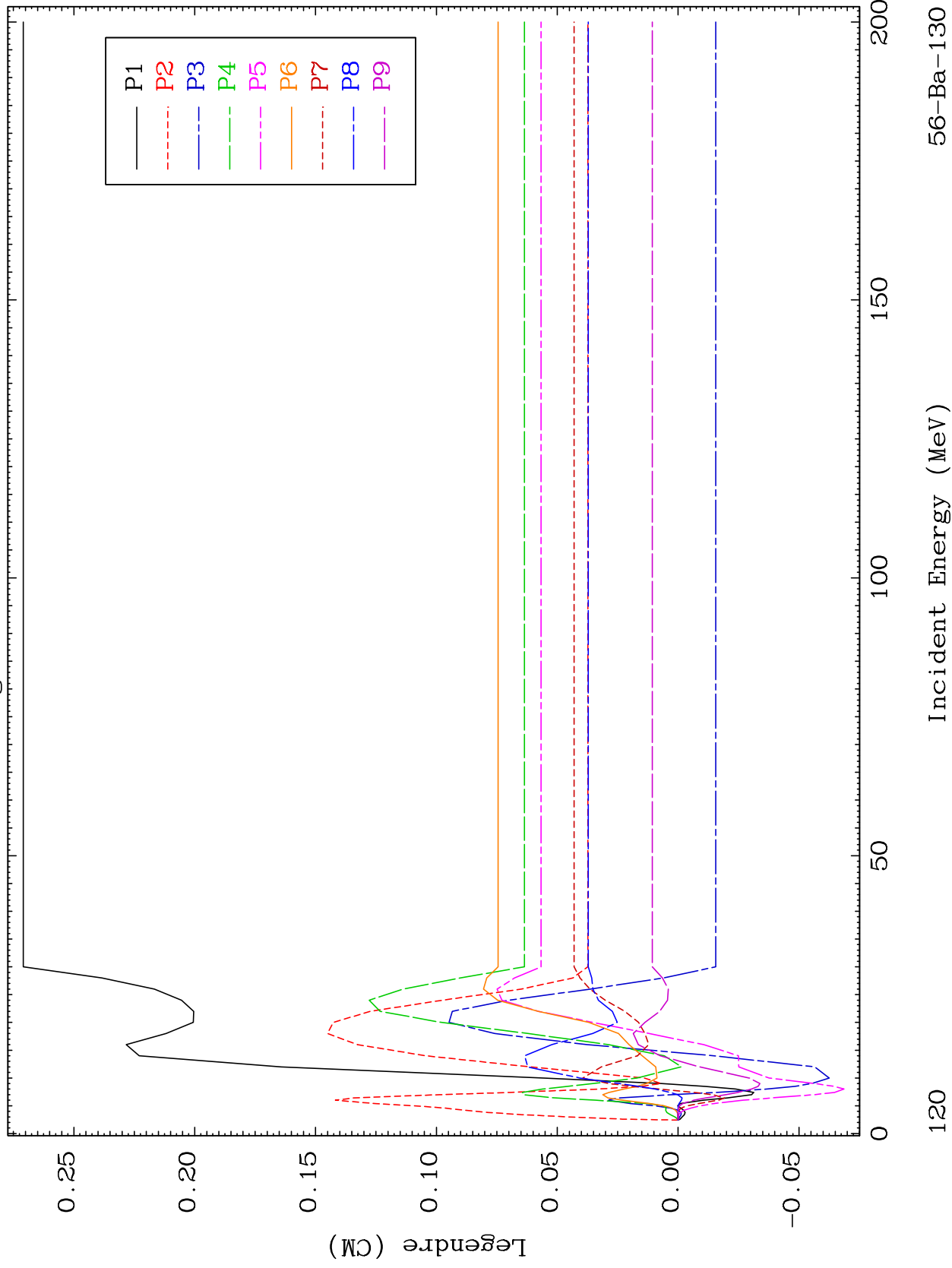
119

56-Ba-130

MAT 5625

MT= 78 (n,n') Level
Legendre Coefficients

56-Ba-130



56-Ba-130

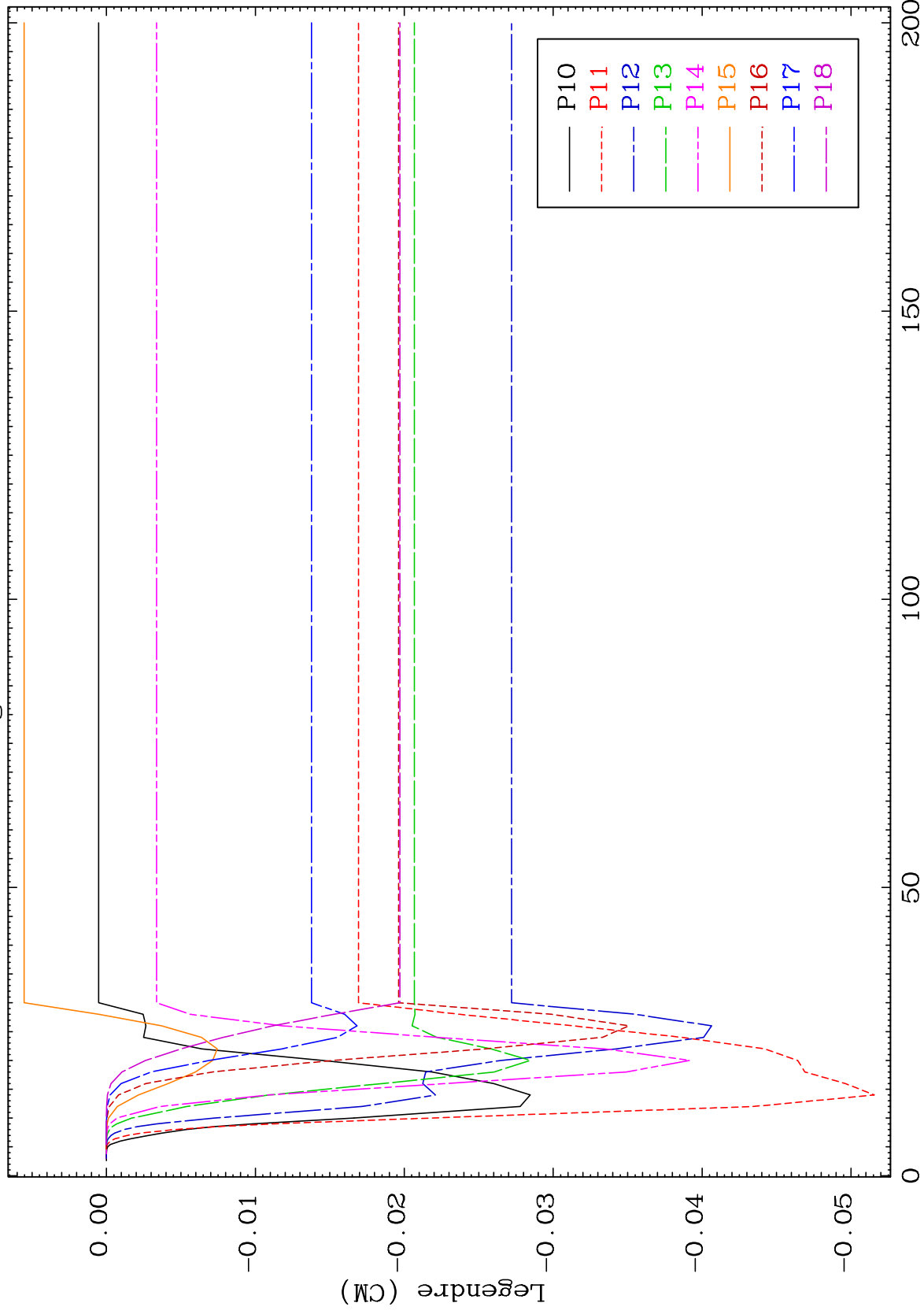
Incident Energy (MeV)

120

MAT 5625

MT= 78 (n,n') Level
Legendre Coefficients

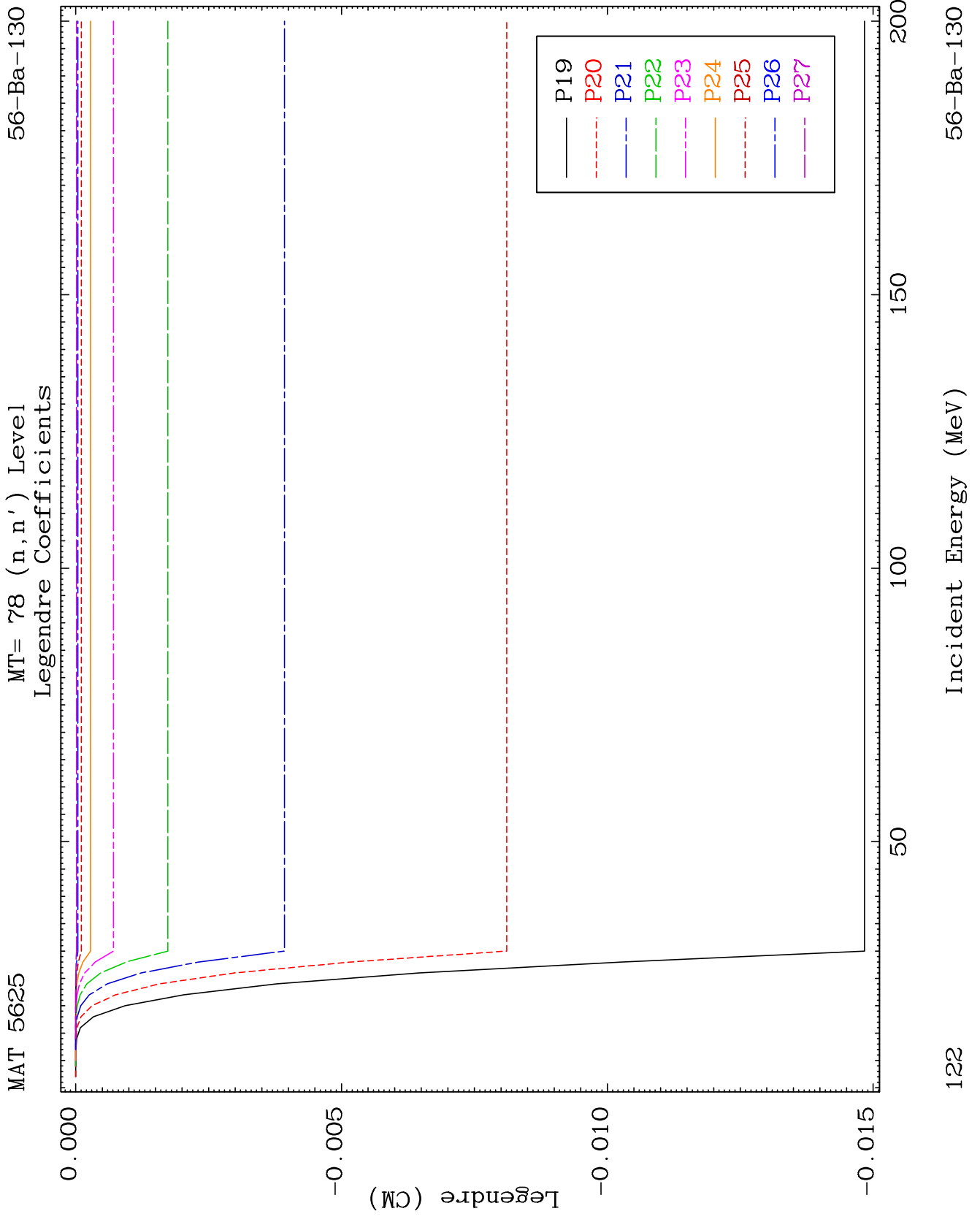
56-Ba-130

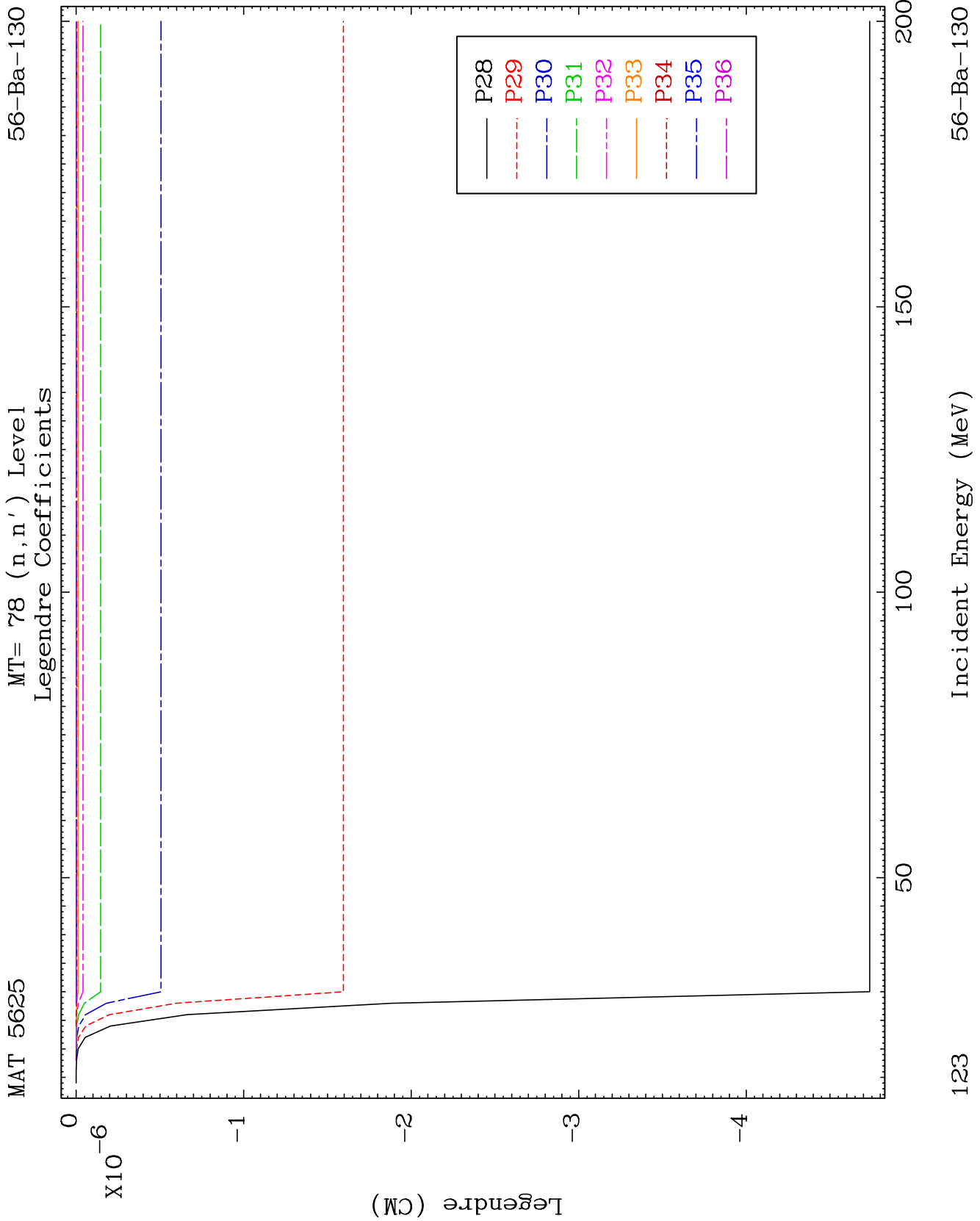


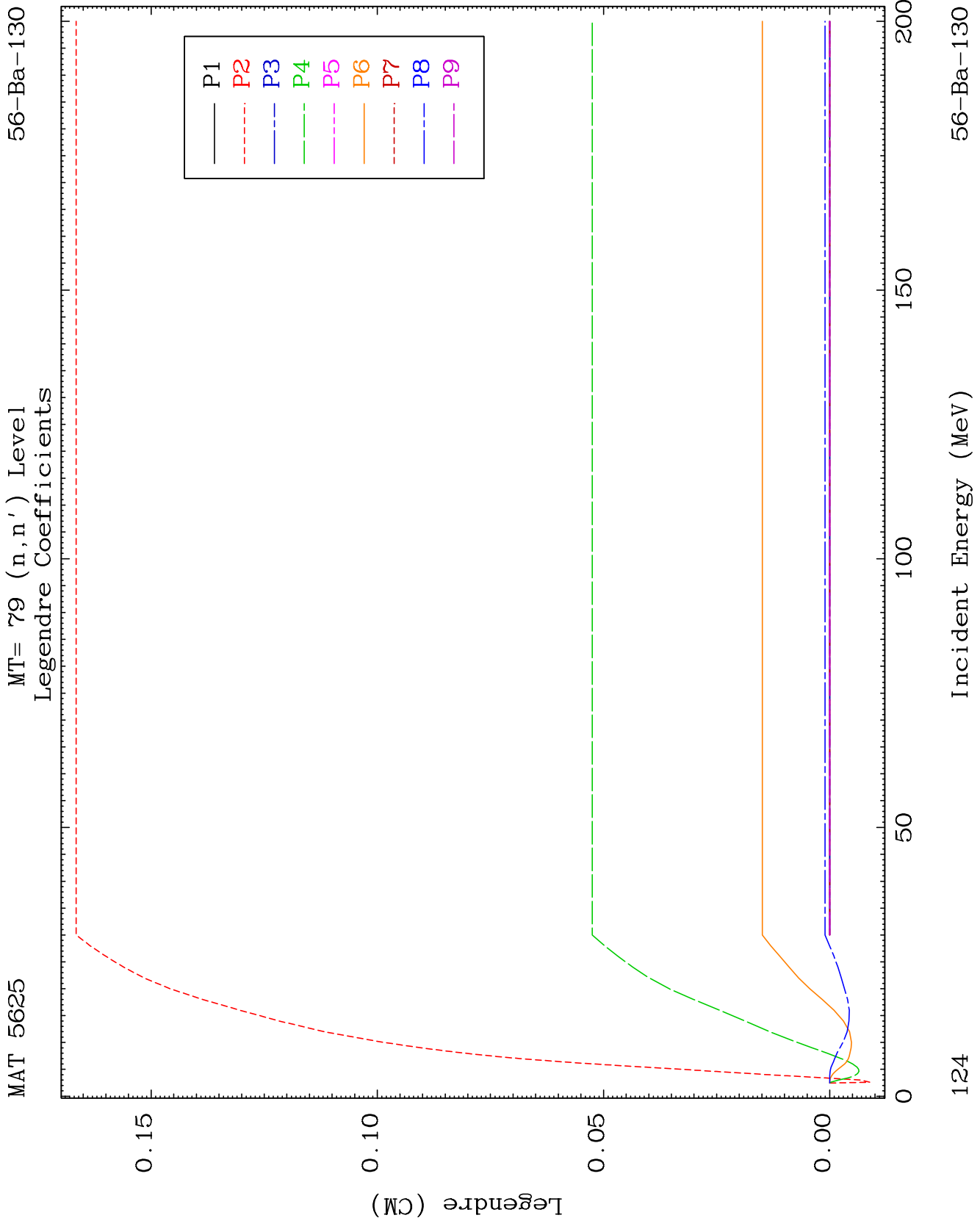
121

Incident Energy (MeV)

56-Ba-130



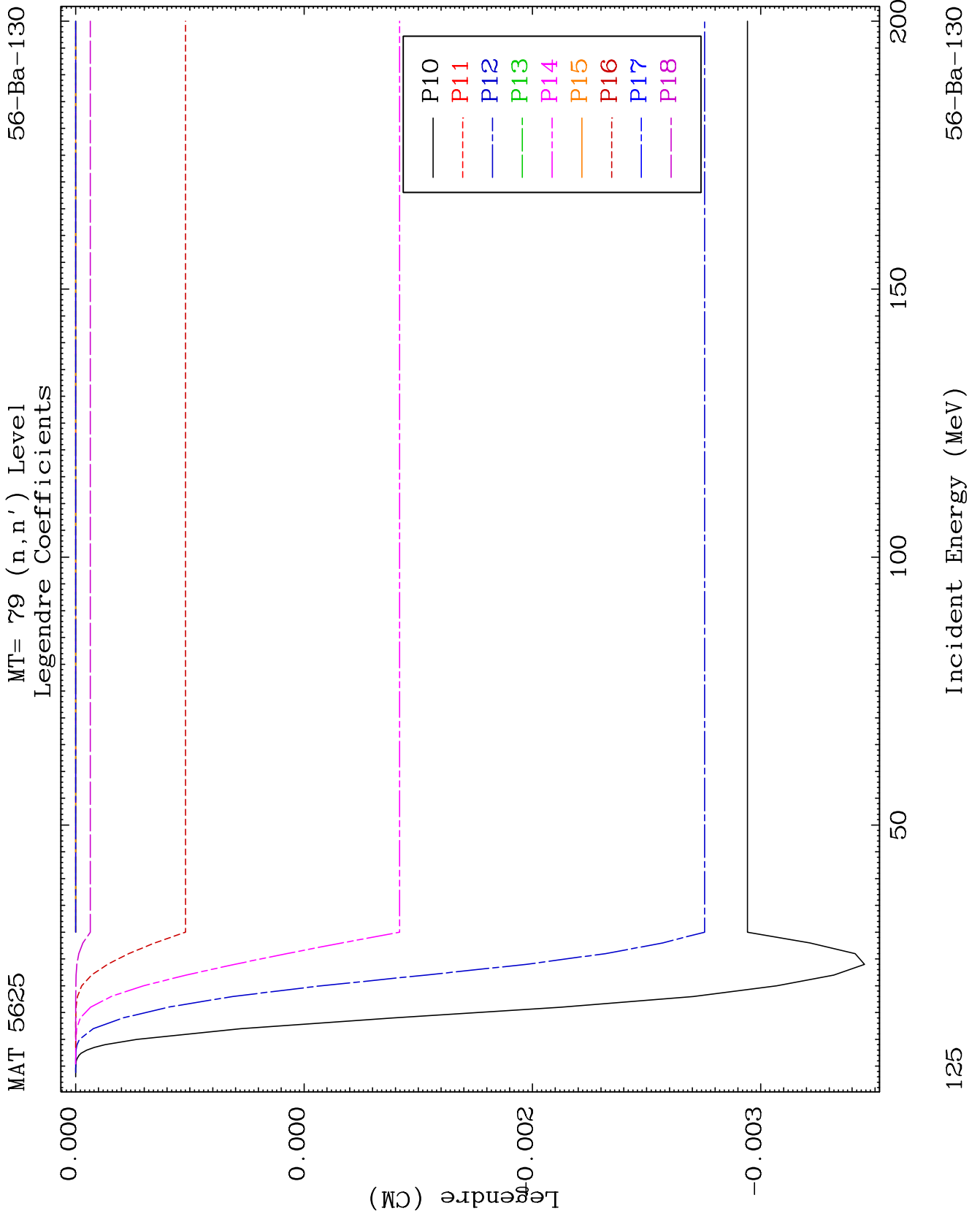


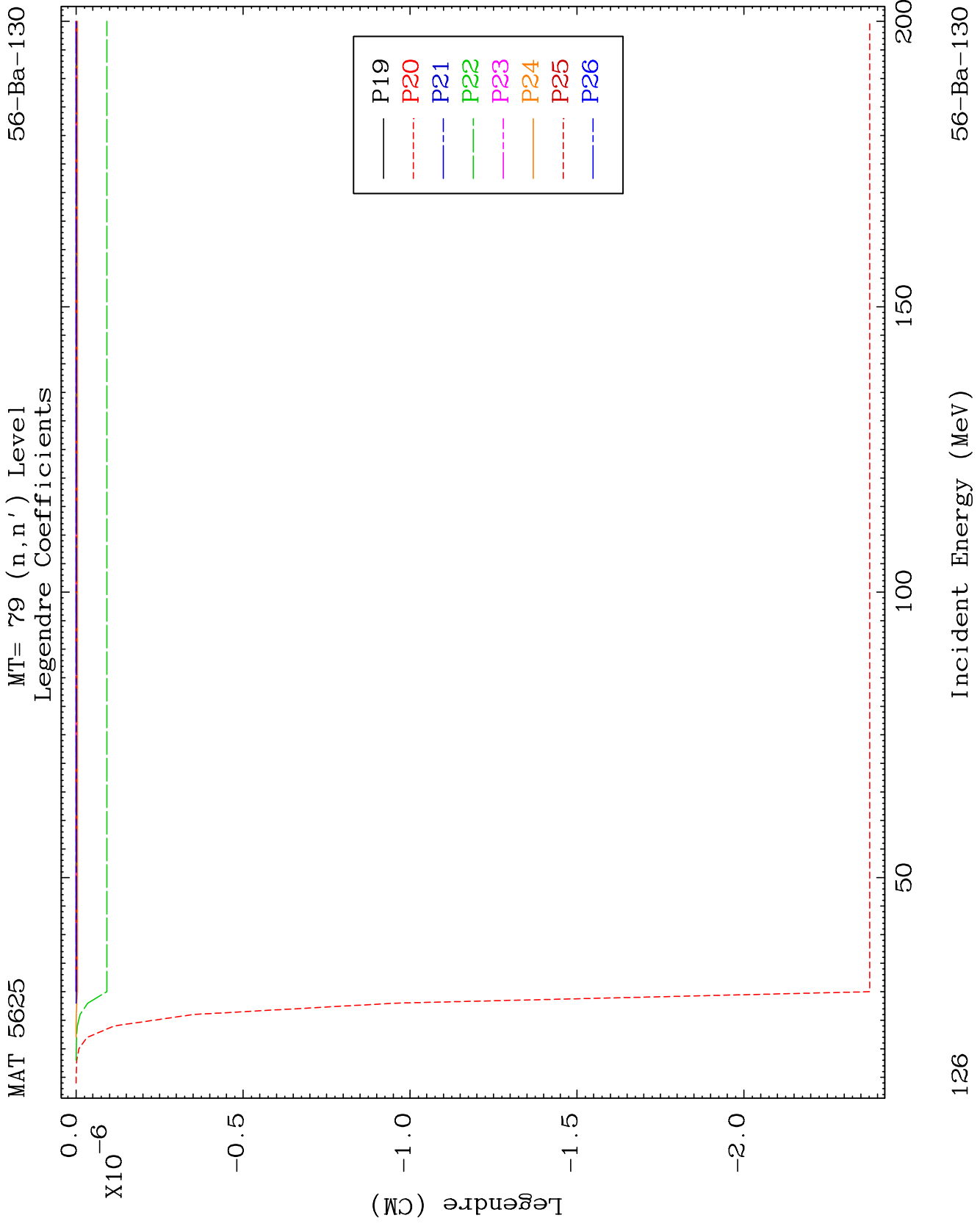


56-Ba-130

Incident Energy (MeV)

124

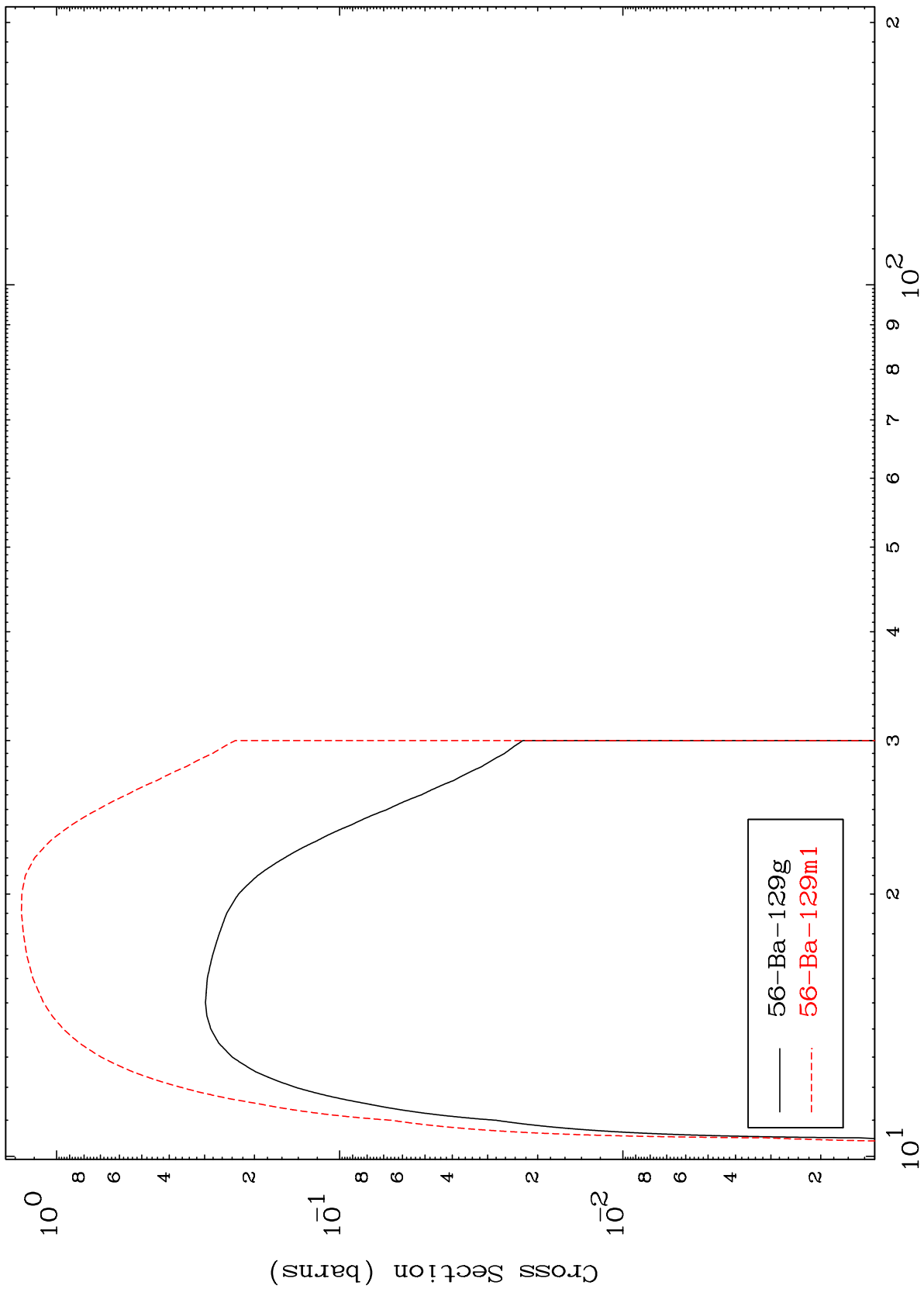




MAT 5625

56-Ba-130

(n,2n)
Radionuclide Production Cross Section



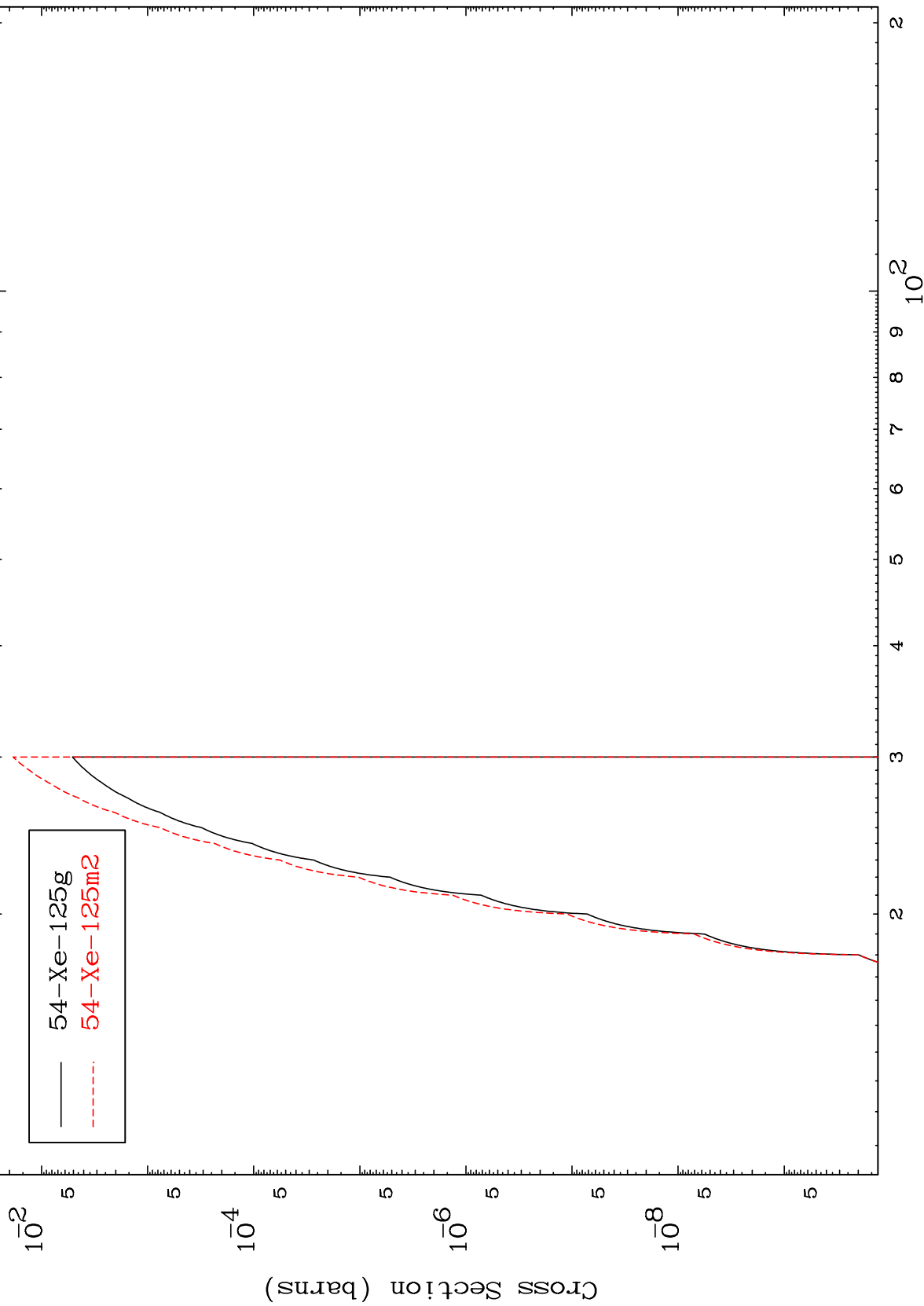
56-Ba-129g
56-Ba-129m1

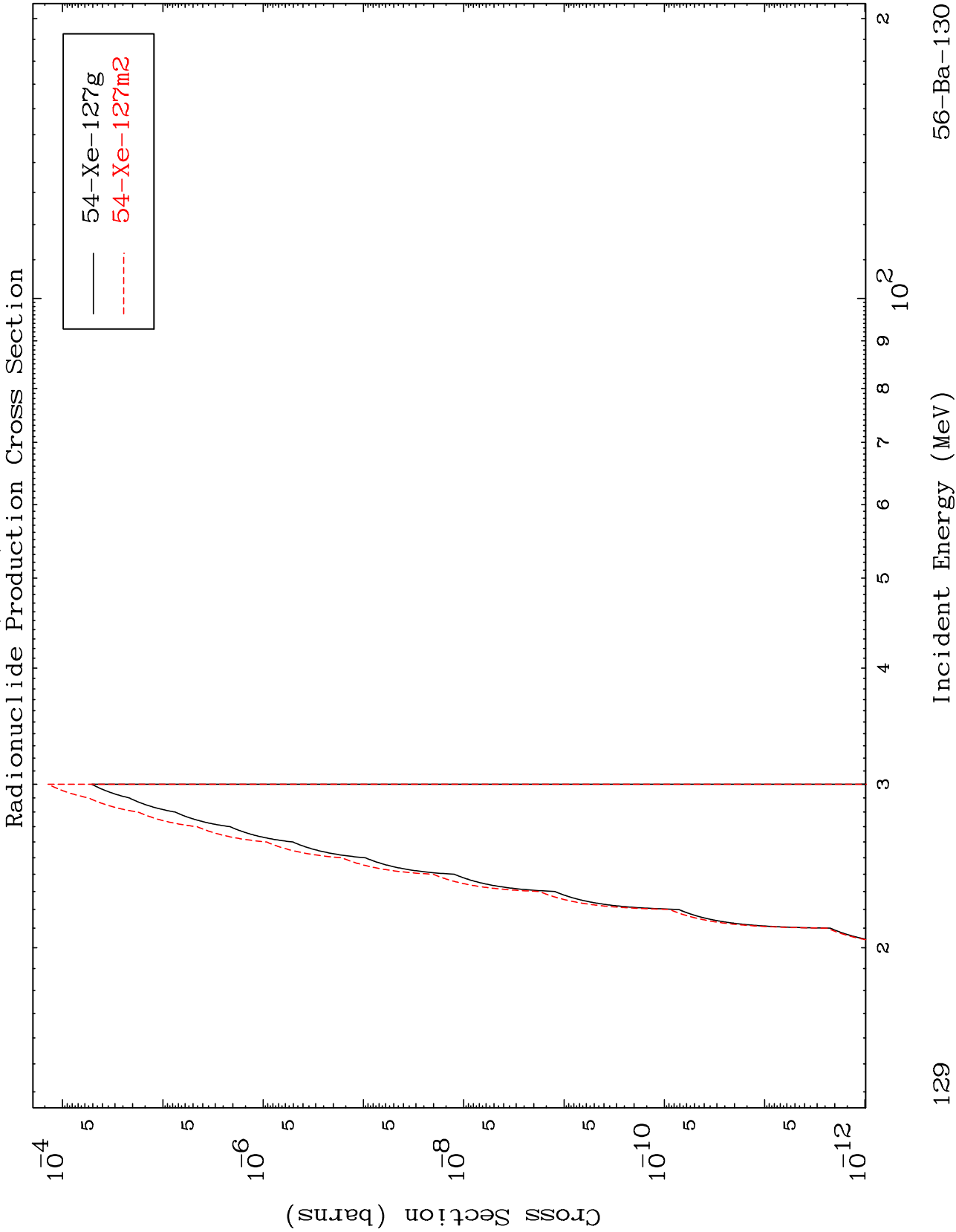
56-Ba-130

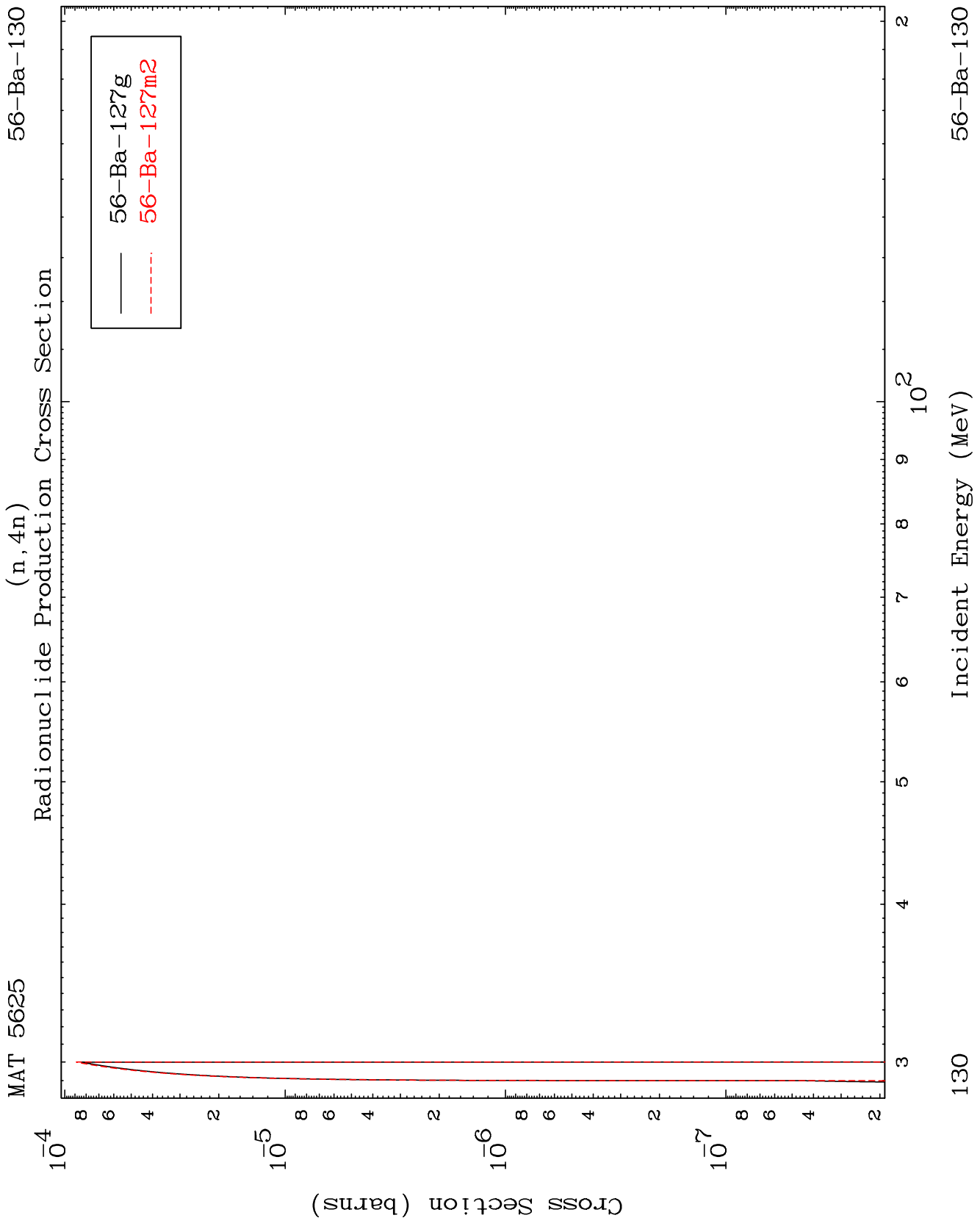
Incident Energy (MeV)

127

Radionuclide Production Cross Section



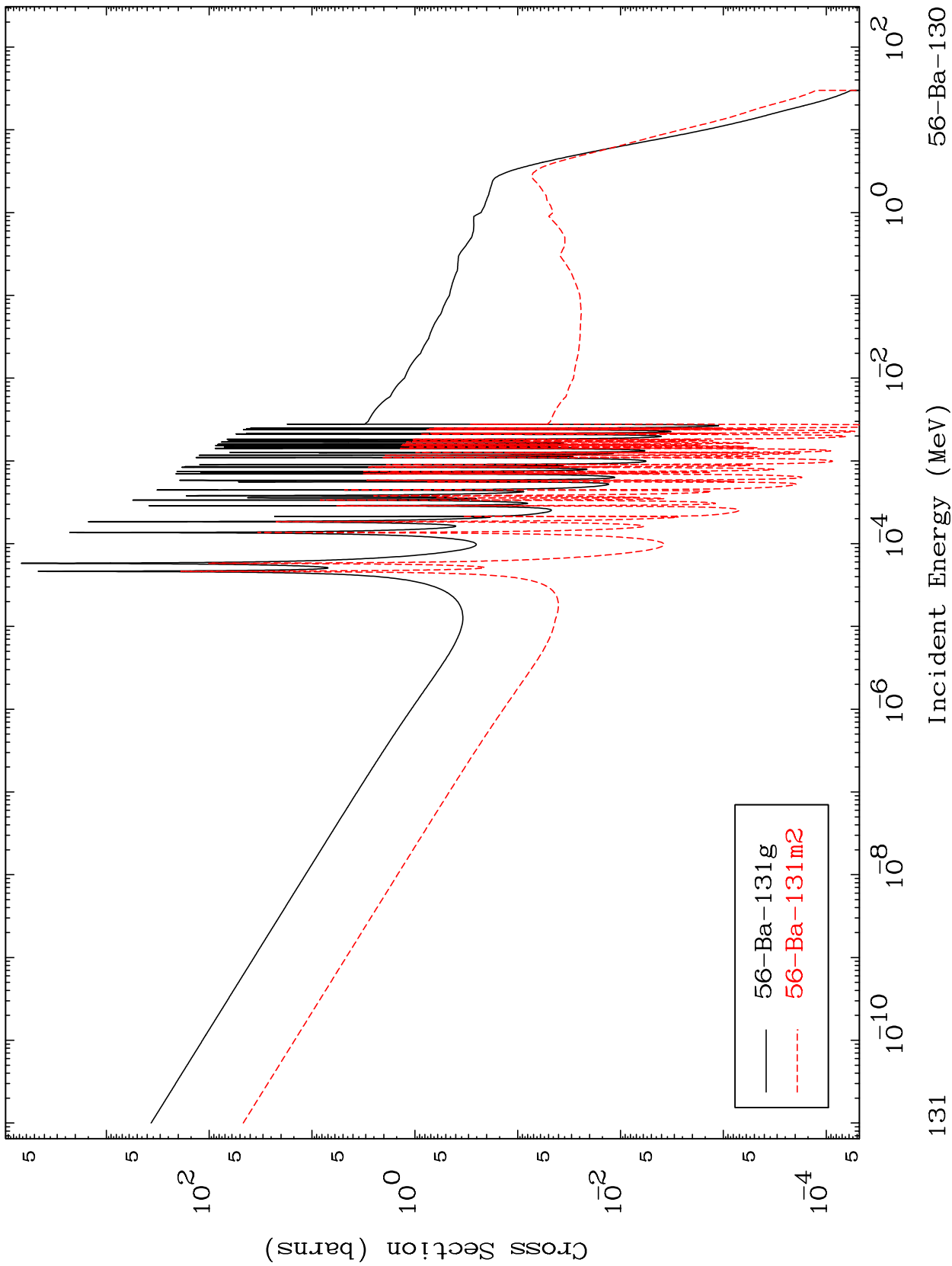




MAT 5625

56-Ba-130

(n, γ)
Radionuclide Production Cross Section



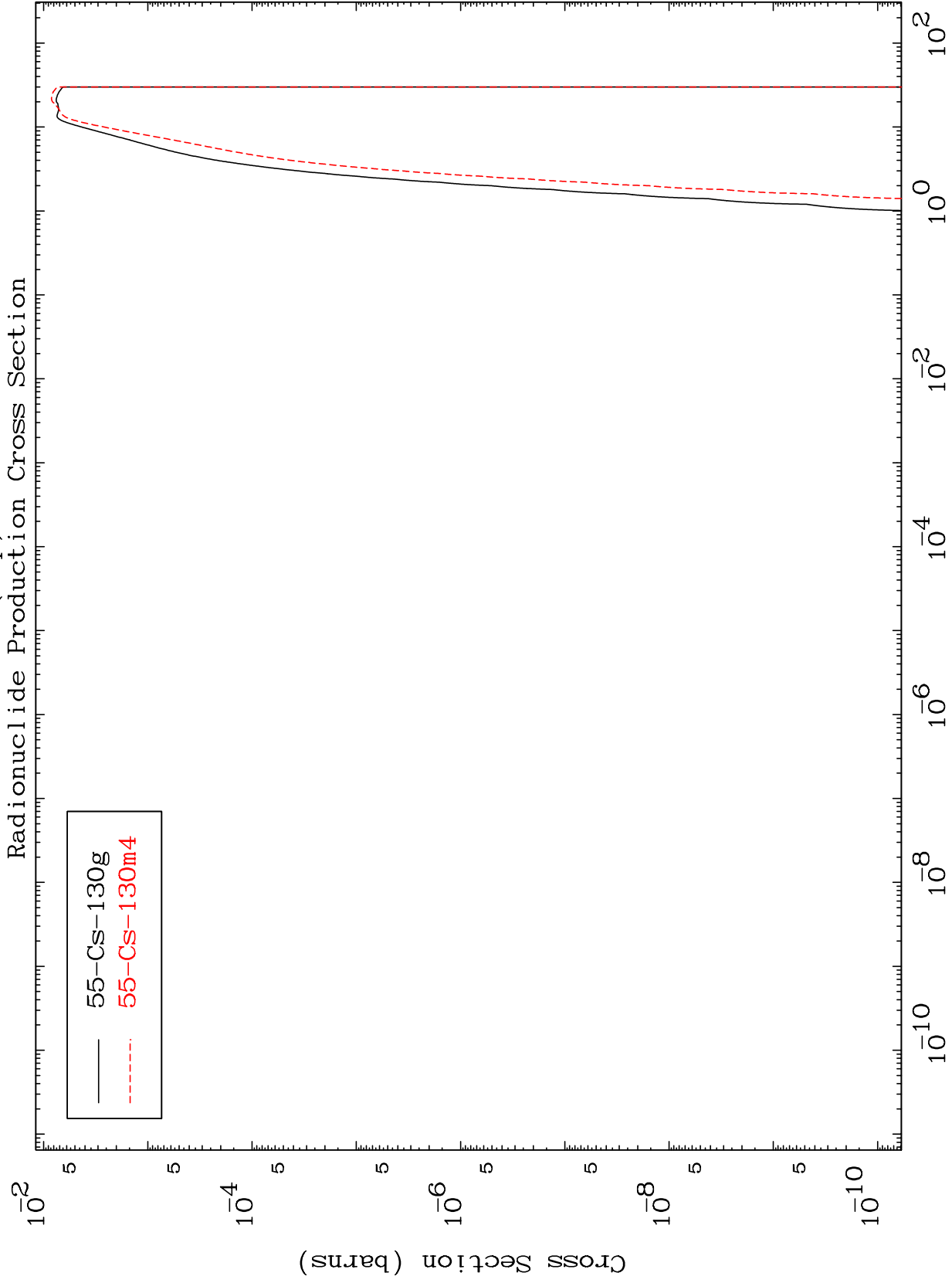
131

MAT 5625

(n,p)

56-Ba-130

Radionuclide Production Cross Section



132

Incident Energy (MeV)

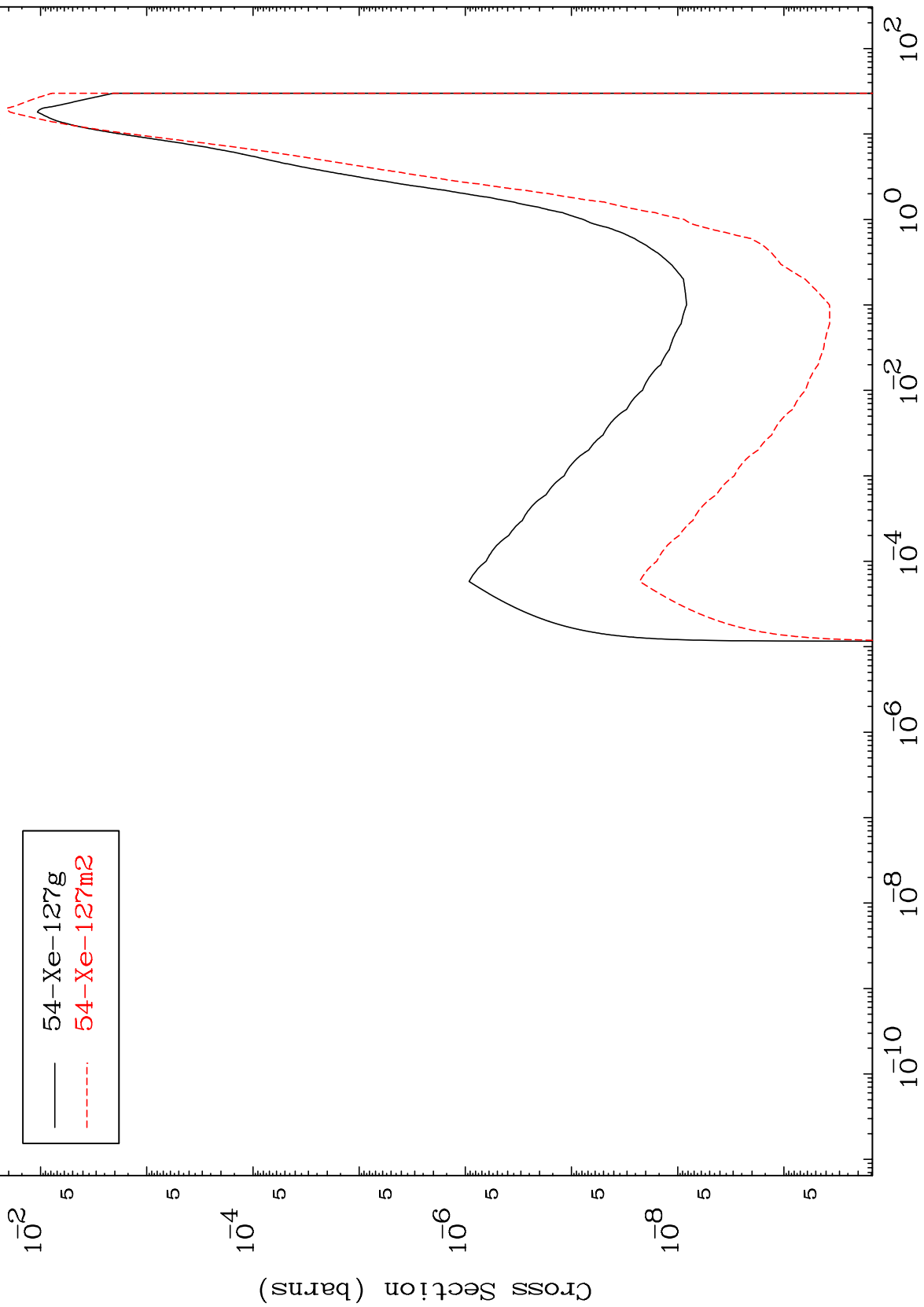
56-Ba-130

MAT 5625

(n, α)

56-Ba-130

Radionuclide Production Cross Section



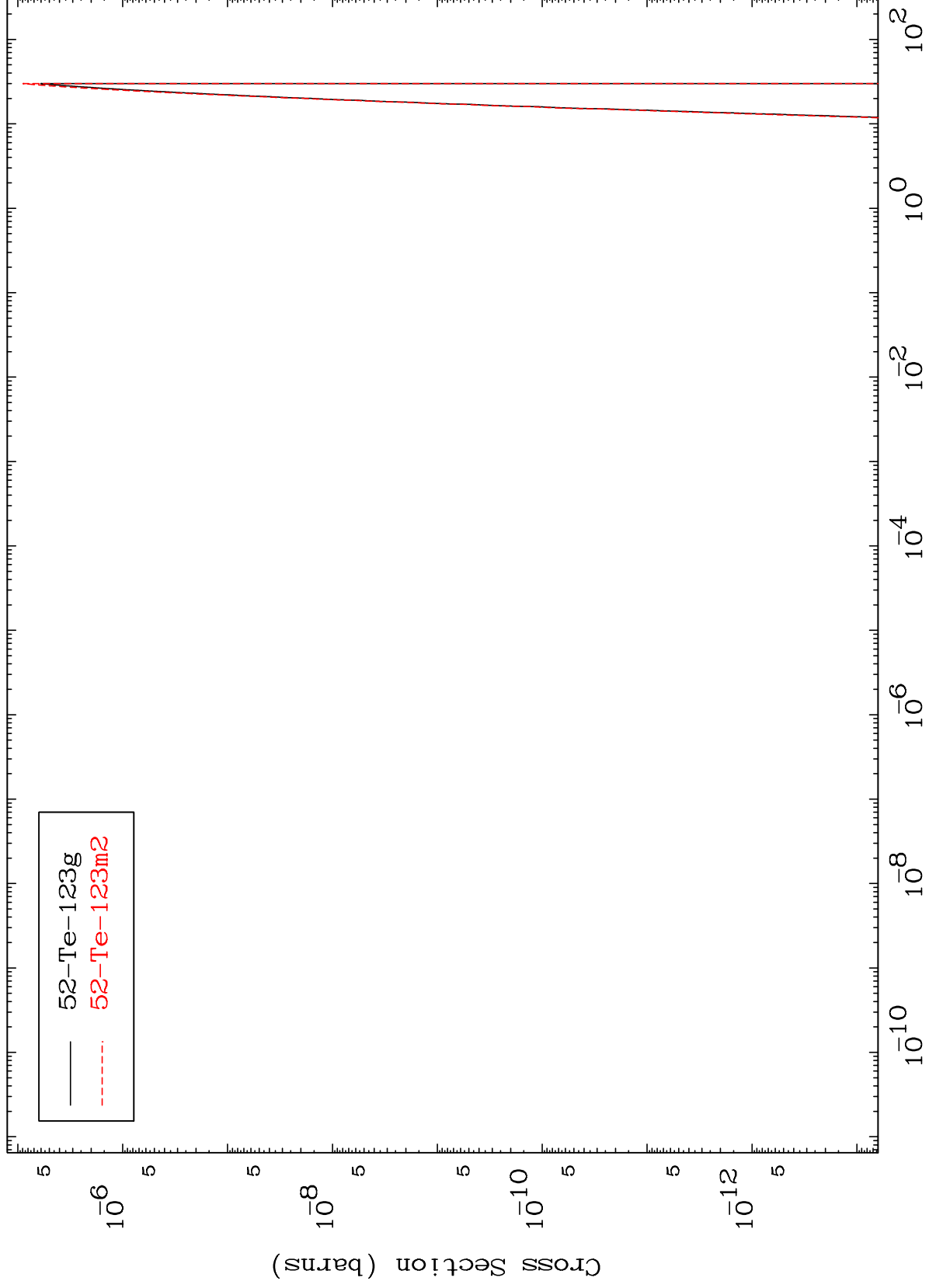
54-Xe-127g
54-Xe-127m2

MAT 5625

(n,2α)

56-Ba-130

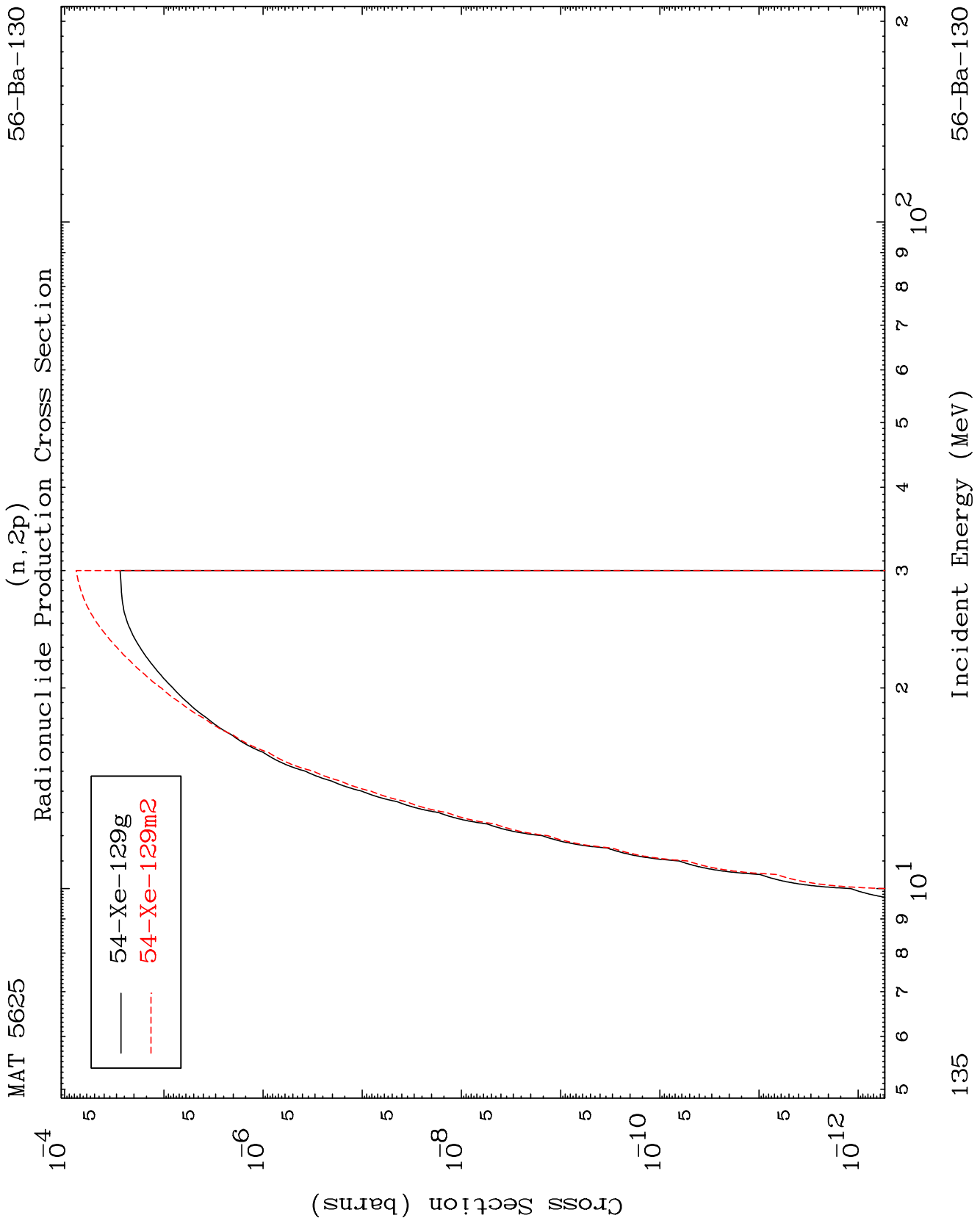
Radionuclide Production Cross Section



134

Incident Energy (MeV)

56-Ba-130

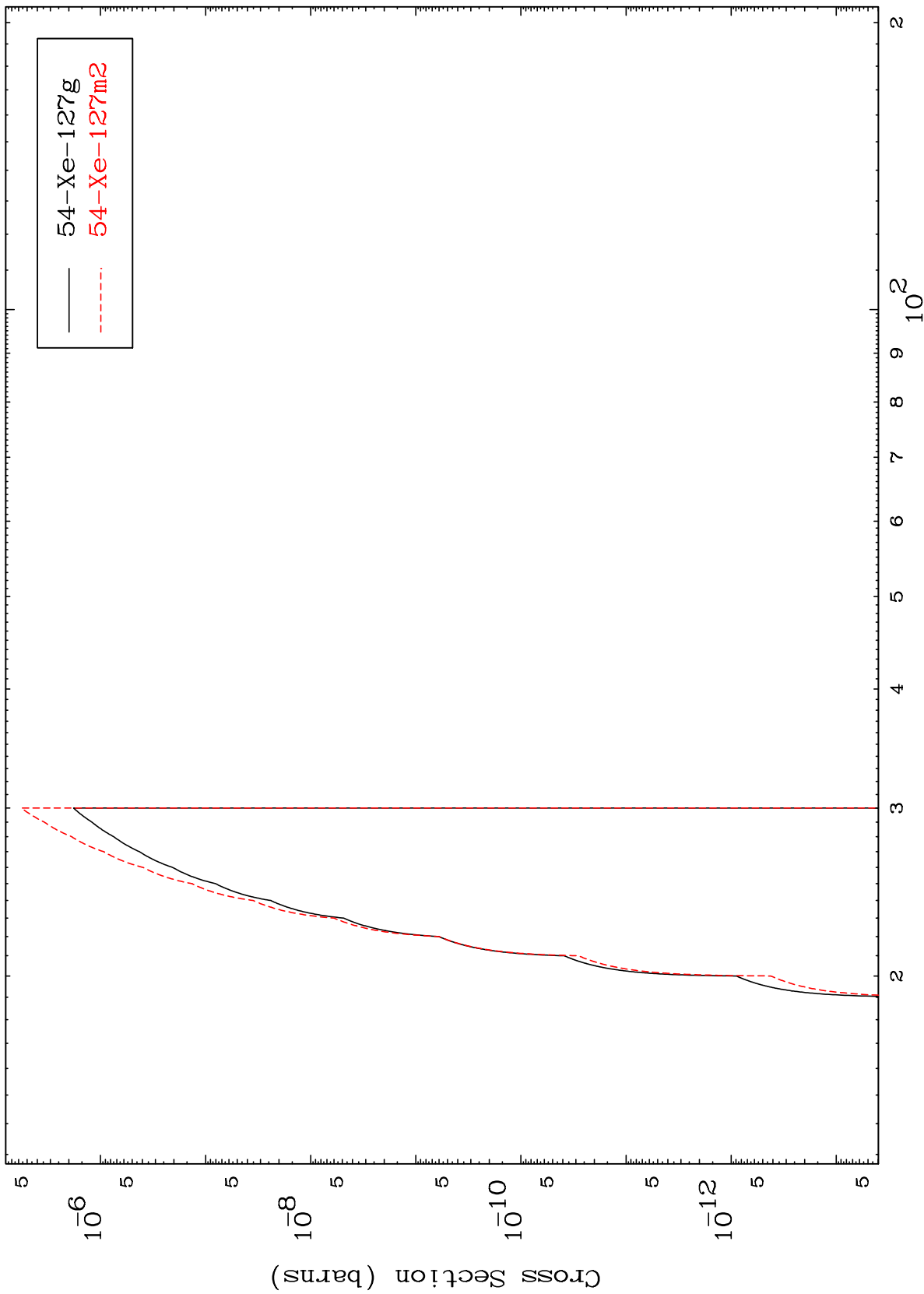


MAT 5625

(n,p) t

56-Ba-130

Radionuclide Production Cross Section



136

Incident Energy (MeV)

56-Ba-130